

# TRI-STAR CONTACT SELECTION GUIDE

## CONTACTS PER MIL-C-39029

### Explanation of Terms

#### BIN (Basic Identification Number) Code Color Bands:

Reading from the wire barrel end of the contact – first (widest), second, and third color band – each digit of the BIN Code is designated on the contact by a color band in accordance with the following:

0 – Black	2 – Red	4 – Yellow	6 – Blue	8 – Gray
1 – Brown	3 – Orange	5 – Green	7 – Violet	9 – White

**Style:** Contact Pin – Pin  
Contact Socket – Skt

**Contact Cavity Size:** Mating end contact size

**Wire Size:** Wire barrel size (AWG), type and part number of coaxial cable accommodated, or WW (wire-wrap®) termination

**Type/Class:** Type: A – Copper alloy contact  
B – Ferrous alloy contact  
C – Thermocouple contact  
D – Copper alloy shielded contact

Class: Class A – Maximum operating temperature +125°C  
Class B – Maximum operating temperature +200°C

**Type/Usage:** PWR – Power contact  
CX – Shielded (coaxial) contact  
– Thermocouple contact

	Basic Material	Tri-Star P/N Suffix
TC-AL	Alumel	A
TC-CH	Chromel	C
TC-CO	Constantan	K
TC-CU	Copper	D
TC-FE	Iron	I

NOTE: In the case of Thermocouple contacts, both pins and sockets are available in a variety of materials. The coding (e.g., TC-AL) denotes the particular basic material for each contact so listed. Other materials also are available; please consult factory.

\* Wire-wrap is a registered trademark of Gardner-Denver

### Section III

## CROSS REFERENCE CONTACT SELECTION GUIDES

In Sections IV through X-C following, we have endeavored to provide a variety of criteria to assist our customers to identify, select, and order by Tri-Star part number, the correct contact to match a particular connector. These include, in addition to Section IV which identifies several hundred Mil-C-39029 specified contacts by M39029/X part number, BIN Code, and Tri-Star part numbers, sections cross referenced by Former Contact Military Part Number, Connector Military Specification, and Connector Military Part Number, and both aircraft and connector manufacturers' part number. In those cases where a thermocouple, wire-wrap®, or printed circuit contact is already specified by Mil-C-39029, the appropriate contact will be found in Section IV (pp 7-31); where contacts are **not** already designated, instructions for ordering same can be found on page 32.

In addition to the M39029 Series of military contacts, Tri-Star also provides contacts for many of the more popular series of connectors made by various manufacturers. These products are fabricated in accordance with the same stringent manufacturing requirements as Mil-C-39029 contacts, and are physically, electrically, and functionally interchangeable with their connector manufacturer's counterparts. Cross reference listings of such typical parts may be found in Sections IX-A through X-C (pp 55-80).

All military contacts can now be identified by their **new** military part numbers which consist of the M39029 Series suffix (e.g. /XX) **and** BIN Code number; each contact has one or more **former** Military Part Numbers which can also be used for identification. To assist users, Section VI lists Mil-C-39029 contacts by their former military P/N's in ascending numerical order, and cross refers each to its appropriate M39029/X family, and Tri-Star part number in Section IV.

Section VII lists most of the more popular military connector families by Mil-Spec in ascending numerical order, with columns for power, thermocouple, wire-wrap®, and coaxial contacts (where the latter are specified), and cross refers each to the appropriate M39029/X family and Tri-Star part number in Section IV. Users accustomed to selecting connectors and components by Mil-Spec and Series may wish to use this section to identify the proper contacts. Each connector Military Specification is further subdivided into subsections and/or current Military Part Numbers which identify each discrete component such as the contacts as an integral part of that connector. Section VIII lists in alphanumeric order, all of the contacts for military connectors by their appropriate connector subgrouping or Military Part Number (e.g. M24308/4, M81511/33), and cross refers each back to the appropriate M39029/X family in Section IV.

As previously indicated, Section IX provides a cross reference for the contacts for many of the more popular military and commercial connectors manufactured by companies such as Amphenol, Bendix, ITT Cannon, et al. These lists were not meant to be all-inclusive, and in the event you do not find a Tri-Star part number listing for a connector or contact by some other manufacturer, please consult the factory or your nearest Tri-Star Regional office as to its availability. In all probability, we do offer such a contact and can provide the ordering information therefor.

One final note regarding Tri-Star's part numbering system: normally, a TSE part number consists of three groups of digits such as XXX-XXXX-XXX(X), with or without a suffix (X). Invariably, if the first group of digits is odd (e.g. 315), the part number denotes a pin contact; if the group is even (e.g. 316), the P/N signifies a socket contact. The center group of four digits normally will provide both the contact cavity and wire barrel sizes – for example: 1620 would indicate a size 16 contact and an AWG 20 wire size. In those cases where a contact is either a wire-wrap®, PCB, or coaxial type of termination, this coding does not pertain. The last three digits are assigned to a particular contact or mating pair of contacts; when accompanied by an alphabetical suffix, it indicates that a particular contact is a thermocouple version (see page 5 for T/C coding).

We hope the foregoing will assist you in finding the correct contact to meet your needs, regardless of which identification criteria you may be using. Should you be unable to locate the exact item which you are seeking, please contact our Customer Service Department at (213) 823-5779, or your nearest Tri-Star sales office.

\*Wire-wrap is a registered trademark of Gardner-Denver

## Section IV

# TRI-STAR CONTACT SELECTION GUIDE

## CONTACTS PER MIL-C-39029

Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Family: Mil-T-81714</b>								
M39029/1	– 100	M39029/1-16-22	315-1622-500	Pin	16	22	A/B	PWR
M39029/1	– 101	M39029/1-16-20	315-1620-501	Pin	16	20	A/B	PWR
M39029/1	– 102	M39029/1-14-16	315-1416-502	Pin	14	16	A/B	PWR
M39029/1	– 103	M39029/1-12-12	315-1212-503	Pin	12	12	A/B	PWR
M39029/1	– 507	M39029/1-20-22D	315-2022-600	Pin	20	22D	A/B	PWR

<b>Connector Family: Mil-C-81659 Series I</b>								
M39029/2	– 104	M39029/2-22-22	315-2222-252	Pin	22	22	A/A	PWR
M39029/2	– 105	M39029/2-20-20	315-2020-252	Pin	20	20	A/A	PWR
M39029/2	– 106	M39029/2-16-16	315-1616-252	Pin	16	16	A/A	PWR

<b>Connector Family: Mil-C-81659 Series I</b>								
M39029/3	– 107	M39029/3-22-22	316-2222-252	Skt	22	22	A/A	PWR
M39029/3	– 108	M39029/3-20-20	316-2020-252	Skt	20	20	A/A	PWR
M39029/3	– 109	M39029/3-16-16	316-1616-252	Skt	16	16	A/A	PWR

<b>Connector Families: Mil-C-26482 Series II, Mil-C-81703 Series III, Mil-C-83723 Series I &amp; III, and Mil-C-83733</b>								
M39029/4	– 110	M39029/4-20-20 M83723-33B20	315-2020-088	Pin	20	20	A/B	PWR
M39029/4	– 111	M39029/4-16-16 M83723-33B16	315-1616-089	Pin	16	16	A/B	PWR
M39029/4	– 112	M39029/4-16-20	315-1620-123	Pin	16	20	A/B	PWR
M39029/4	– 113	M39029/4-12-12 M83723-33B12	315-1212-090	Pin	12	12	A/B	PWR
M39029/4	– 114	M39029/4-12-16	315-1216-124	Pin	12	16	A/B	PWR

<b>Connector Families: Mil-C-26482 Series II, Mil-C-81703 Series III, Mil-C-83723 Series I &amp; III, and Mil-C-83733</b>								
M39029/5	– 115	M39029/5-20-20 M83723-34B20	316-2020-088	Skt	20	20	A/B	PWR
M39029/5	– 116	M39029/5-16-16 M83723-34B16	316-1616-089	Skt	16	16	A/B	PWR
M39029/5	– 117	M39029/5-16-20	316-1620-123	Skt	16	20	A/B	PWR
M39029/5	– 118	M39029/5-12-12 M83723-34B12	316-1212-090	Skt	12	12	A/B	PWR
M39029/5	– 119	M39029/5-12-16	316-1216-124	Skt	12	16	A/B	PWR

Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Families: Mil-C-81511 Series I &amp; II</b>								
M39029/6	- 120	M39029/6-01	315-16CX-507	Pin	16	RG-178A/U RG-196A/U	D/B	CX
M39029/6	- 121	M39029/6-02	315-12CX-523	Pin	12	RG-179B/U RG-187A/U RG-188A/U	D/B	CX
M39029/6	- 122	M39029/6-03	315-12CX-524	Pin	12	Raychem 9530D5117	D/B	CX
M39029/6	- 123	M39029/6-04	315-12CX-525	Pin	12	RG-180B/U RG-195A/U Microdot 293-3922	D/B	CX
M39029/6	- 124	M39029/6-05	315-12CX-526	Pin	12	Microdot 250-4070	D/B	CX
M39029/6	- 125	M39029/6-06	315-12CX-527	Pin	12	Raychem 5022E5111	D/B	CX

<b>Connector Families: Mil-C-26482 Series II and Mil-C-81703 Series III, Mil-C-83723 Series I &amp; III, and Mil-C-83733</b>								
M39029/7	- 126	M39029/7-001	315-12CX-528	Pin	12	RG-178A/U RG-178B/U RG-196A/U 30AWG 28AWG	D/B	CX
M39029/7	- 127	M39029/7-002	315-12CX-529	Pin	12	RG-174/U RG-188A/U 26AWG	D/B	CX
M39029/7	- 128	M39029/7-003	315-12CX-530	Pin	12	24AWG	D/B	CX

<b>Connector Families: Mil-C-26482 Series II and Mil-C-81703 Series III, Mil-C-83723 Series I &amp; III, and Mil-C-83733</b>								
M39029/8	- 129	M39029/8-001	316-12CX-528	Skt	12	RG-178A/U RG-178B/U RG-196A/U 30AWG 28AWG	D/B	CX
M39029/8	- 130	M39029/8-002	316-12CX-529	Skt	12	RG-174/U RG-188A/U 26AWG	D/B	CX
M39029/8	- 131	M39029/8-003	316-12CX-530	Skt	12	24AWG	D/B	CX

<b>Connector Families: Mil-C-26482 Series II, Mil-C-81703 Series III, Mil-C-83723 Series I &amp; III, and Mil-C-83733</b>								
M39029/9	- 132	M39029/92020C1 M39029/9-20-20-C1	615-2020-088D	Pin	20	20	C/B	TC-CU
M39029/9	- 133	M39029/92020C2 M39029/9-20-20-C2	015-2020-088K	Pin	20	20	C/B	TC-CO
M39029/9	- 134	M39029/92020C3 M39029/9-20-20-C3	015-2020-088A	Pin	20	20	C/B	TC-AL
M39029/9	- 135	M39029/92020C4 M39029/9-20-20-C4	015-2020-088C	Pin	20	20	C/B	TC-CH
M39029/9	- 136	M39029/92020C5 M39029/9-20-20-C5	415-2020-088I	Pin	20	20	C/B	TC-FE

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Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Families: Mil-C-26482 Series II, Mil-C-81703 Series III, Mil-C-83723 Series I &amp; III, and Mil-C-83733 (Continued)</b>								
M39029/9	- 514	5000-070-516 M39029/91616C1 M39029/9-16-16-C1	615-1616-089D	Pin	16	16	C/B	TC-CU
M39029/9	- 515	5000-070-416 M39029/91616C2 M39029/9-16-16-C2	015-1616-089K	Pin	16	16	C/B	TC-CO
M39029/9	- 516	5000-070-116 M39029/91616C3 M39029/9-16-16-C3	015-1616-089A	Pin	16	16	C/B	TC-AL
M39029/9	- 517	5000-070-216 M39029/91616C4 M39029/9-16-16-C4	015-1616-089C	Pin	16	16	C/B	TC-CH
M39029/9	- 518	5000-070-316 M39029/91616C5 M39029/9-16-16-C5	415-1616-089I	Pin	16	16	C/B	TC-FE

<b>Connector Families: Mil-C-26482 Series II, Mil-C-81703 Series III, Mil-C-83723 Series I &amp; III, and Mil-C-83733</b>								
M39029/10	- 138	M39029/102020C1 M39029/10-20-20-C1	616-2020-088D	Skt	20	20	C/B	TC-CU
M39029/10	- 139	M39029/102020C2 M39029/10-20-20-C2	016-2020-088K	Skt	20	20	C/B	TC-CO
M39029/10	- 140	M39029/102020C3 M39029/10-20-20-C3	016-2020-088A	Skt	20	20	C/B	TC-AL
M39029/10	- 141	M39029/102020C4 M39029/10-20-20-C4	016-2020-088C	Skt	20	20	C/B	TC-CH
M39029/10	- 142	M39029/102020C5 M39029/10-20-20-C5	416-2020-088I	Skt	20	20	C/B	TC-FE
M39029/10	- 519	5000-108-516 M39029/101616C1 M39029/10-16-16-C1	616-1616-089D	Skt	16	16	C/B	TC-CU
M39029/10	- 520	5000-108-416 M39029/101616C2 M39029/10-16-16-C2	016-1616-089K	Skt	16	16	C/B	TC-CO
M39029/10	- 521	5000-108-116 M39029/101616C3 M39029/10-16-16-C3	016-1616-089A	Skt	16	16	C/B	TC-AL
M39029/10	- 522	5000-108-216 M39029/101616C4 M39029/10-16-16-C4	016-1616-089C	Skt	16	16	C/B	TC-CH
M39029/10	- 523	5000-108-316 M39029/101616C5 M39029/10-16-16-C5	416-1616-089I	Skt	16	16	C/B	TC-FE

<b>Connector Family: Mil-C-81659 Series II</b>								
M39029/11	- 144	M39029/11-22-22	315-2222-079	Pin	22	22	A/B	PWR
M39029/11	- 145	M39029/11-20-20	315-2020-081	Pin	20	20	A/B	PWR
M39029/11	- 146	M39029/11-16-16	315-1616-076	Pin	16	16	A/B	PWR
M39029/11	- 147	M39029/11-12-12	315-1212-078	Pin	12	12	A/B	PWR

Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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**Connector Family: Mil-C-81659 Series II**

M39029/12	-	148	M39029/12-22-22	316-2222-079	Skt	22	22	A/B	PWR
M39029/12	-	149	M39029/12-20-20	316-2020-081	Skt	20	20	A/B	PWR
M39029/12	-	150	M39029/12-16-16	316-1616-076	Skt	16	16	A/B	PWR
M39029/12	-	151	M39029/12-12-12	316-1212-078	Skt	12	12	A/B	PWR

**Connector Family: Mil-C-81511 Series I**

M39029/13	-	152	M39029/13-01	316-16CX-534	Skt	16	RG-178A/U RG-196A/U	D/B	CX
M39029/13	-	153	M39029/13-02	316-12CX-535	Skt	12	RG-179B/U RG-187A/U RG-188A/U	D/B	CX
M39029/13	-	154	M39029/13-03	316-12CX-536	Skt	12	Raychem 9530D5117	D/B	CX
M39029/13	-	155	M39029/13-04	316-12CX-537	Skt	12	RG-180B/U RG-195A/U Microdot 293-3922	D/B	CX
M39029/13	-	156	M39029/13-05	316-12CX-538	Skt	12	Microdot 250-4070	D/B	CX
M39029/13	-	157	M39029/13-06	316-12CX-539	Skt	12	Raychem 5022E5111	D/B	CX

**Connector Family: Mil-C-81511 Series II**

M39029/14	-	158	M39029/14-01	316-16CX-540	Skt	16	RG-178A/U RG-196A/U	D/B	CX
M39029/14	-	159	M39029/14-02	316-12CX-541	Skt	12	RG-179B/U RG-187A/U RG-188A/U	D/B	CX
M39029/14	-	160	M39029/14-03	316-12CX-542	Skt	12	Raychem 9530D5117	D/B	CX
M39029/14	-	161	M39029/14-04	316-12CX-543	Skt	12	RG-180B/U RG-195A/U Microdot 293-3922	D/B	CX
M39029/14	-	162	M39029/14-05	316-12CX-544	Skt	12	Microdot 250-4070	D/B	CX
M39029/14	-	163	M39029/14-06	316-12CX-545	Skt	12	Raychem 5022E5111	D/B	CX

**Connector Family: Mil-C-81511 Series IV**

M39029/16	-	166	M39029/16-23-28	316-2328-508	Skt	23	28	A/B	PWR
M39029/16	-	167	M39029/16-23-22	316-2322-567	Skt	23	22	A/B	PWR
M39029/16	-	168	M39029/16-20-20	316-2020-568	Skt	20	20	A/B	PWR
M39029/16	-	169	M39029/16-16-16	316-1616-569	Skt	16	16	A/B	PWR
M39029/16	-	170	M39029/16-12-12	316-1212-570	Skt	12	12	A/B	PWR

Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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**Connector Family: Mil-C-81511 Series III**

M39029/17	-	171	M39029/17-23-28	316-2328-571	Skt	23	28	A/B	PWR
M39029/17	-	172	M39029/17-23-22	316-2322-572	Skt	23	22	A/B	PWR
M39029/17	-	173	M39029/17-20-20	316-2020-573	Skt	20	20	A/B	PWR
M39029/17	-	174	M39029/17-16-16	316-1616-574	Skt	16	16	A/B	PWR
M39029/17	-	175	M39029/17-12-12	316-1212-575	Skt	12	12	A/B	PWR

**Connector Families: Mil-C-81511 Series III & IV**

M39029/18	-	176	M39029/18-23-28	315-2328-508	Pin	23	28	A/B	PWR
M39029/18	-	177	M39029/18-23-22	315-2322-567	Pin	23	22	A/B	PWR
M39029/18	-	178	M39029/18-20-20	315-2020-568	Pin	20	20	A/B	PWR
M39029/18	-	179	M39029/18-16-16	315-1616-569	Pin	16	16	A/B	PWR
M39029/18	-	180	M39029/18-12-12	315-1212-570	Pin	12	12	A/B	PWR

**Connector Families: Mil-C-81511 Series III & IV**

M39029/19	-	181	M39029/19-01	315-16CX-581	Pin	16	M81044/18-22 Shielded; Grumman GC18K1-22; M27500- 22RC1S6; Revere WH 95623; Grumman GC875FW22-2;	D/B	CX
M39029/19	-	182	M39029/19-02	315-12CX-582	Pin	12	RG-180B/U; Microdot 293-3922; Grumman GC875GA1; Raychem 9530D5117; Grumman GC875GC1;	D/B	CX
M39029/19	-	183	M39029/19-03	315-12CX-583	Pin	12	M81044/18-22 Shielded; Grumman GC18K1-22; M27500- 22RC1S6; Revere WH 95623; Grumman GC875FW22-2; Microdot 250-4070; Grumman GC875FY1; Raychem 5022E5111; Grumman GC875GB1;	D/B	CX

Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Family: Mil-C-81511 Series III</b>								
M39029/20 -	184	M39029/20-01	316-16CX-584	Skt	16	M81044/18-22 Shielded; Grumman GC18K1-22; M27500- 22RC1S6; Revere WH 95623; Grumman GC875FW22-2;	D/B	CX
M39029/20 -	185	M39029/20-02	316-12CX-585	Skt	12	RG-180B/U; Microdot 293-3922; Grumman GC875GA1; Raychem 9530D5117; Grumman GC875GC1;	D/B	CX
M39029/20 -	186	M39029/20-03	316-12CX-586	Skt	12	M81044/18-22 Shielded; Grumman GC18K1-22; M27500- 22RC1S6; Revere - WH 95623; Grumman GC875FW22-2; Microdot 250-4070; Grumman GC875FY1; Raychem 5022E5111; Grumman GC875GB1;	D/B	CX

<b>Connector Family: Mil-C-81511 Series IV</b>								
M39029/21 -	187	M39029/21-01	316-16CX-581	Skt	16	M81044/18-22 Shielded; Grumman GC18K1-22; M27500- 22RC1S6; Revere WH 95623; Grumman GC875FW22-2;	D/B	CX
M39029/21 -	188	M39029/21-02	316-12CX-582	Skt	12	RG-180B/U; Microdot 293-3922; Grumman GC875GA1; Raychem 9530D5117; Grumman GC875GC1;	D/B	CX
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Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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**Connector Family: Mil-C-81511 Series IV (Continued)**

M39029/21 -	189	M39029/21-03	316-12CX-583	Skt	12	M81044/18-22; Shielded; Grumman GC18K1-22; M27500- 22RC1S6; Revere WH 95623; Grumman GC875FW22-2 Microdot 250-4070; Grumman GC875FY1; Raychem 5022E5111; Grumman GC875GB1;	D/B	CX
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**Connector Families: Common Terminal System (CTS); Mil-C-81511 Series III & IV, Class L**

M39029/22 -	190	M39029/22-22-28 M39029/15-22-28	316-2228-190	Skt	22	28	A/B	PWR
M39029/22 -	191	M39029/22-22-22 M39029/15-22-22	316-2222-191	Skt	22	22	A/B	PWR
M39029/22 -	192	M39029/22-20-20	316-2020-192	Skt	20	20	A/B	PWR
M39029/22 -	193	M39029/22-16-16	316-1616-193	Skt	16	16	A/B	PWR

**Connector Family: Mil-C-26482 Series I**

M39029/23 -	194	M39029/23-01	315-08CX-587	Pin	8	M17/028- RG058; M17/111- RG303;	D/A	CX
M39029/23 -	195	M39029/23-02	315-08CX-588	Pin	8	M17/119- RG174; M17/094- RG179; M17/113- RG316;	D/A	CX
M39029/23 -	196	M39029/23-03	315-08CX-589	Pin	8	M17/095- RG180;	D/A	CX
M39029/23 -	197	M39029/23-04	315-08CX-590	Pin	8	Raychem 28-403	D/A	CX
M39029/23 -	198	M39029/23-05	315-08CX-591	Pin	8	Mil-C-27500 AWG22 Shielded; Mil-C-27500 AWG20 Shielded	D/A	CX

Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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**Connector Family: Mil-C-26482 Series I**

M39029/24	-	199	M39029/24-01	316-08CX-587	Skt	8	M17/028- RG058; M17/111- RG303;	D/A	CX
M39029/24	-	200	M39029/24-02	316-08CX-588	Skt	8	M17/119- RG174; M17/094- RG179; M17/113- RG316;	D/A	CX
M39029/24	-	201	M39029/24-03	316-08CX-589	Skt	8	M17/095- RG180	D/A	CX
M39029/24	-	202	M39029/24-04	316-08CX-590	Skt	8	Raychem 28-403;	D/A	CX
M39029/24	-	203	M39029/24-05	316-08CX-591	Skt	8	Mil-C-27500 AWG 20 & 22 Shielded	D/A	CX

**Connector Family: Mil-C-26482 Series I**

M39029/25	-	204	M39029/25-01	315-12CX-592	Pin	12	M17/119- RG174; M17/094- RG179; M17/113- RG316;	D/A	CX
M39029/25	-	205	M39029/25-02	315-12CX-593	Pin	12	M17/093- RG178	D/A	CX
M39029/25	-	206	M39029/25-03	315-12CX-594	Pin	12	Mil-C-27500 AWG22 Shielded	D/A	CX

**Connector Family: Mil-C-26482 Series I**

M39029/26	-	207	M39029/26-01	316-12CX-592	Skt	12	M17/119- RG174; M17/094- RG179; M17/113- RG316;	D/A	CX
M39029/26	-	208	M39029/26-02	316-12CX-593	Skt	12	M17/093- RG178;	D/A	CX
M39029/26	-	209	M39029/26-03	316-12CX-594	Skt	12	Mil-C-27500 AWG22; Shielded	D/A	CX

**Connector Family: Mil-C-38999 Series II**

M39029/27	-	210	M39029/27-12A 21-33121-546	316-12CX-550	Skt	12	M17/119- RG174; M17/113- RG316; M17/094- RG179; Times AA3248;	D/B	CX
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Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
M39029/27 -	210	M39029/27-12A 21-33121-546	316-12CX-550	Skt	12	Teledyne #11299; Thermax 75-738-BCCWXE; Tensolite 30888/ L707YX-1; Haveg 8100207	D/B	CX
M39029/27 -	402	M39029/27-12B 21-33121-541	316-12CX-551	Skt	12	M17/095- RG180; Raychem 9527D1514-2L; Raychem 9528A1318; Microdot 293-3922;	D/B	CX
M39029/27 -	403	M39029/27-12C 21-33121-542	316-12CX-552	Skt	12	Microdot 250-4070;	D/B	CX
M39029/27 -	404	M39029/27-12D 21-33121-543	316-12CX-553	Skt	12	Raychem 48-502; Raychem 5022E5111;	D/B	CX
M39029/27 -	405	M39029/27-12E 21-33121-544	316-12CX-554	Skt	12	Raychem 48-950; Raychem 9530D5117;	D/B	CX
M39029/27 -	406	M39029/27-12F 21-33121-545	316-12CX-555	Skt	12	Raychem 7624D1311; Raychem 9527A1318	D/B	CX
M39029/27 -	407	M39029/27-12G 21-33121-547	316-12CX-556	Skt	12	Gore GWN1159A;	D/B	CX
M39029/27 -	408	M39029/27-12H 21-33121-548	316-12CX-557	Skt	12	1S50MU-16; -20; -40; -70; Mil-C-915/42;	D/B	CX

**Connector Families: Mil-C-38999 Series I, II, III, & IV**

M39029/28 -	211	M39029/28-12A 21-33122-546	315-12CX-550	Pin	12	M17/119- RG174; M17/094- RG179; M17/113- RG316; Teledyne #11299; Thermax 75-738-BCCWXE; Times AA3248; Tensolite 30888/ L707YX-1; Haveg 8100207;	D/B	CX
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Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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**Connector Families: Mil-C-38999 Series I, II, III, & IV (Continued)**

M39029/28	-	409	M39029/28-12B 21-33122-541	315-12CX-551	Pin	12	M17/095- RG180; Raychem 9527D1514-2L; Raychem 9528A1318; Microdot 293-3922;	D/B	CX
M39029/28	-	410	M39029/28-12C 21-33122-542	315-12CX-552	Pin	12	Microdot 250-4070;	D/B	CX
M39029/28	-	411	M39029/28-12D 21-33122-543	315-12CX-553	Pin	12	Raychem 48-502; Raychem 5022E5111	D/B	CX
M39029/28	-	412	M39029/28-12E 21-33122-544	315-12CX-554	Pin	12	Raychem 48-950; Raychem 9530D5117;	D/B	CX
M39029/28	-	413	M39029/28-12F 21-33122-545	315-12CX-555	Pin	12	Raychem 7624D1311; Raychem 9527A1318;	D/B	CX
M39029/28	-	414	M39029/28-12G 21-33122-547	315-12CX-556	Pin	12	Gore GWN1159A;	D/B	CX
M39029/28	-	415	M39029/28-12H 21-33122-548	315-12CX-557	Pin	12	1S50MU-16; -20; -40; -70; Mil-C-915/42;	D/B	CX

**Connector Families: Mil-C-5015 Series MS3450 and Mil-C-83723 Series II**

M39029/29	-	212	M39029/29-16-16 MS3162-16-16 M83723-29T16	315-1616-091	Pin	16	16	A/B	PWR
M39029/29	-	213	M39029/29-12-12 MS3162-12-12 M83723-29T12	315-1212-092 915-1212-092	Pin	12	12	A/B	PWR
M39029/29	-	214	M39029/29-8-8 MS3162-8-8 M83723-29T8	915-0808-093	Pin	8	8	A/B	PWR
M39029/29	-	215	M39029/29-4-4 MS3162-4-4 M83723-29T4	915-0404-094	Pin	4	4	A/B	PWR
M39029/29	-	216	M39029/29-0-0 MS3162-0-0 M83723-29T0	915-0000-095	Pin	0	0	A/B	PWR

**Connector Families: Mil-C-5015 Series MS3450 and Mil-C-83723 Series II**

M39029/30	-	217	M39029/30-16S-16 MS3163-16S-16 M83723-30T17	316-1616-117	Skt	16S	16	A/B	PWR
M39029/30	-	218	M39029/30-16-16 MS3163-16-16 M83723-30T16	316-1616-091	Skt	16	16	A/B	PWR
M39029/30	-	219	M39029/30-12-12 MS3163-12-12 M83723-30T12	316-1212-092 916-1212-092	Skt	12	12	A/B	PWR

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Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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**Connector Families: Mil-C-5015 Series MS3450 and Mil-C-83723 Series II (Continued)**

M39029/30	-	220	M39029/30-8-8 MS3163-8-8 M83723-30T8	916-0808-093	Skt	8	8	A/B	PWR
M39029/30	-	221	M39029/30-4-4 MS3163-4-4 M83723-30T4	916-0404-094	Skt	4	4	A/B	PWR
M39029/30	-	222	M39029/30-0-0 MS3163-0-0 M83723-30T0	916-0000-095	Skt	0	0	A/B	PWR

**Connector Families: Mil-C-26482 Series I, Mil-C-26500, Mil-C-26518, and Mil-C-81703 Series II**

M39029/31	-	-	-	415-2020-085I	Pin	20	20†	C/B	TC-FE
M39029/31	-	-	-	015-2020-085C	Pin	20	20†	C/B	TC-CH
M39029/31	-	-	-	015-2020-085A	Pin	20	20†	C/B	TC-AL
M39029/31	-	-	-	015-2020-085K	Pin	20	20†	C/B	TC-CO
M39029/31	-	223	MS3192-20-20A	317-2020-001	Pin	20	20	A/A	PWR
M39029/31	-	224	MS3192-20-20C4	415-2020-001I	Pin	20	20	C/A	TC-FE
M39029/31	-	225	MS3192-20-20C1	015-2020-001C	Pin	20	20	C/A	TC-CH
M39029/31	-	226	MS3192-20-20C2	015-2020-001A	Pin	20	20	C/A	TC-AL
M39029/31	-	227	MS3192-20-20C3	015-2020-001K	Pin	20	20	C/A	TC-CO
M39029/31	-	228	MS3192-16-16A	317-1616-086	Pin	16	16	A/A	PWR
M39029/31	-	229	MS24254-16P	315-1616-086	Pin	16	16	A/B	PWR
M39029/31	-	230	MS3192-16-16C4	415-1616-086I	Pin	16	16	C/A	TC-FE
M39029/31	-	231	MS3192-16-16C1	015-1616-086C	Pin	16	16	C/A	TC-CH
M39029/31	-	232	MS3192-16-16C2	015-1616-086A	Pin	16	16	C/A	TC-AL
M39029/31	-	233	MS3192-16-16C3	015-1616-086K	Pin	16	16	C/A	TC-CO
M39029/31	-	234	MS3192-12-12A	317-1212-087	Pin	12	12	A/A	PWR
M39029/31	-	235	MS24254-12P	315-1212-087	Pin	12	12	A/B	PWR
M39029/31	-	236	MS3192-12-12C4	415-1212-087I	Pin	12	12	C/A	TC-FE
M39029/31	-	237	MS3192-12-12C1	015-1212-087C	Pin	12	12	C/A	TC-CH
M39029/31	-	238	MS3192-12-12C2	015-1212-087A	Pin	12	12	C/A	TC-AL
M39029/31	-	239	MS3192-12-12C3	015-1212-087K	Pin	12	12	C/A	TC-CO
M39029/31	-	240	MS3192A20-20A	317-2020-085	Pin	20	20†	A/A	PWR
M39029/31	-	241	MS24254-20P	315-2020-085	Pin	20	20†	A/B	PWR
M39029/31	-	448	M39029/31-20-20	317-2020-084	Pin	20	20	A/B	PWR

† with insulation support cup

**Connector Families: Mil-C-26482 Series I, Mil-C-26500, Mil-C-26518, and Mil-C-81703 Series II**

M39029/32	-	-	-	416-2020-901I	Skt	20	20†	C/B	TC-FE
M39029/32	-	-	-	016-2020-901C	Skt	20	20†	C/B	TC-CH
M39029/32	-	-	-	016-2020-901A	Skt	20	20†	C/B	TC-AL
M39029/32	-	-	-	016-2020-901K	Skt	20	20†	C/B	TC-CO
M39029/32	-	242	MS3193-20-20A	318-2020-001	Skt	20	20	A/A	PWR

† with insulation support cup

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Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Families: Mil-C-26482 Series I, Mil-C-26500, Mil-C-26518, and Mil-C-81703 Series II (Continued)</b>								
M39029/32	-	243	MS3193-20-20C4	416-2020-001I	Skt	20	20	C/A TC-FE
M39029/32	-	244	MS3193-20-20C1	016-2020-001C	Skt	20	20	C/A TC-CH
M39029/32	-	245	MS3193-20-20C2	016-2020-001A	Skt	20	20	C/A TC-AL
M39029/32	-	246	MS3193-20-20C3	016-2020-001K	Skt	20	20	C/A TC-CO
M39029/32	-	247	MS3193-16-16A	318-1616-086	Skt	16	16	A/A PWR
M39029/32	-	248	MS24255-16S	316-1616-086	Skt	16	16	A/B PWR
M39029/32	-	249	MS3193-16-16C4	416-1616-902I	Skt	16	16	C/A TC-FE
M39029/32	-	250	MS3193-16-16C1	016-1616-902C	Skt	16	16	C/A TC-CH
M39029/32	-	251	MS3193-16-16C2	016-1616-902A	Skt	16	16	C/A TC-AL
M39029/32	-	252	MS3193-16-16C3	016-1616-902K	Skt	16	16	C/A TC-CO
M39029/32	-	253	MS3193-12-12A	318-1212-087	Skt	12	12	A/A PWR
M39029/32	-	254	MS24255-12S	316-1212-087	Skt	12	12	A/B PWR
M39029/32	-	255	MS3193-12-12C4	416-1212-903I	Skt	12	12	C/A TC-FE
M39029/32	-	256	MS3193-12-12C1	016-1212-903C	Skt	12	12	C/A TC-CH
M39029/32	-	257	MS3193-12-12C2	016-1212-903A	Skt	12	12	C/A TC-AL
M39029/32	-	258	MS3193-12-12C3	016-1212-903K	Skt	12	12	C/A TC-CO
M39029/32	-	259	MS3193A20-20A	318-2020-085	Skt	20	20†	A/A PWR
M39029/32	-	260	MS24255-20S	316-2020-085	Skt	20	20†	A/B PWR
M39029/32	-	449	M39029/32-20-20	318-2020-084	Skt	20	20	A/B PWR
†with insulation support cup								

**Connector Family: Mil-C-81511 Series I**

M39029/33	-	262	M39029/33-261 MS3343A23-28 MS3343B23-28	316-2328-513	Skt	23	28	A/B PWR
M39029/33	-	264	M39029/33-263 MS3343A23-22 MS3343B23-22	316-2322-514	Skt	23	22	A/B PWR
M39029/33	-	266	M39029/33-265 MS3343A20-20 MS3343B20-20	316-2020-515	Skt	20	20	A/B PWR
M39029/33	-	268	M39029/33-267 MS3343A16-16 MS3343B16-16	316-1616-516	Skt	16	16	A/B PWR
M39029/33	-	270	M39029/33-269 MS3343A12-12 MS3343B12-12	316-1212-517	Skt	12	12	A/B PWR

**Connector Families: Mil-C-28748/3, and Mil-C-28748/13**

M39029/34	-	271	MS17803-20-20	315-2020-518	Pin	20	20	A/A PWR
M39029/34	-	272	MS17803-16-20	315-1620-519	Pin	16	20	A/A PWR
M39029/34	-	273	MS17803-16-16	315-1616-520	Pin	16	16	A/A PWR
M39029/34	-	440	M39029/34-22-22	315-2222-250	Pin	22	22	A/A PWR

Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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**Connector Families: Mil-C-28748/4, and Mil-C-28748/14**

M39029/35	-	274	MS17804-20-20	316-2020-518	Skt	20	20	A/A	PWR
M39029/35	-	275	MS17804-16-20	316-1620-519	Skt	16	20	A/A	PWR
M39029/35	-	276	MS17804-16-16	316-1616-520	Skt	16	16	A/A	PWR
M39029/35	-	441	M39029/35-22-22	316-2222-250	Skt	22	22	A/A	PWR

**Connector Family: Mil-C-28748/9**

M39029/36	-	277	MS17807-16-20	315-1620-521	Pin	16	20	A/A	PWR
M39029/36	-	278	MS17807-16-16	315-1616-522	Pin	16	16	A/A	PWR

**Connector Family: Mil-C-28748/10**

M39029/37	-	279	MS17808-16-20	316-1620-521	Skt	16	20	A/A	PWR
M39029/37	-	280	MS17808-16-16	316-1616-522	Skt	16	16	A/A	PWR

**Connector Family: Mil-C-28748/3**

M39029/40	-	281*	MS18232-1	315-16CX-558	Pin	16	RG-178B/U RG-196A/U	D/A	CX
<b>*NOTE: This specification has been cancelled.</b>									

**Connector Family: Mil-C-28748/4**

M39029/41	-	282*	MS18233-1	316-16CX-558	Skt	16	RG-178B/U RG-196A/U	D/A	CX
<b>*NOTE: This specification has been cancelled.</b>									

**Connector Families: Mil-C-28748/4, and Mil-C-28748/10**

M39029/42	-	283*	MS18265-1	316-16CX-559	Skt	16	RG-161/U RG-179B/U RG-187A/U	D/A	CX
M39029/42	-	284*	MS18265-2	316-16CX-560	Skt	16	RG-174/U RG-188A/U RG-316/U	D/A	CX
<b>*NOTE: This specification has been cancelled.</b>									

**Connector Families: Mil-C-28748/3, and Mil-C-28748/9**

M39029/43	-	285*	MS18266-1	315-16CX-559	Pin	16	RG-161/U RG-179B/U RG-187A/U	D/A	CX
M39029/43	-	286*	MS18266-2	315-16CX-560	Pin	16	RG-174/U RG-188A/U RG-316/U	D/A	CX
<b>*NOTE: This specification has been cancelled.</b>									

Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Family: Mil-C-5015 Series MS 3400</b>								
M39029/44	- 287	MS90453-16-22	315-1622-097	Pin	16	22	A/B	PWR
M39029/44	- 288	MS90453-16-16	315-1616-096	Pin	16	16	A/B	PWR
M39029/44	- 289	MS90453-12-16	915-1216-125	Pin	12	16	A/B	PWR
M39029/44	- 290	MS90453-12-12	915-1212-098	Pin	12	12	A/B	PWR
M39029/44	- 291	MS90453-8-8	915-0808-099	Pin	8	8	A/B	PWR
M39029/44	- 292	MS90453-4-4	915-0404-100	Pin	4	4	A/B	PWR
M39029/44	- 293	MS90453-0-0	915-0000-101	Pin	0	0	A/B	PWR

<b>Connector Family: Mil-C-5015 Series MS3400</b>								
M39029/45	- 294	MS90454-16-22	316-1622-097	Skt	16	22	A/B	PWR
M39029/45	- 295	MS90454-16-16	316-1616-096	Skt	16	16	A/B	PWR
M39029/45	- 296	MS90454-12-16	916-1216-125	Skt	12	16	A/B	PWR
M39029/45	- 297	MS90454-12-12	916-1212-098	Skt	12	12	A/B	PWR
M39029/45	- 298	MS90454-8-8	916-0808-099	Skt	8	8	A/B	PWR
M39029/45	- 299	MS90454-4-4	916-0404-100	Skt	4	4	A/B	PWR
M39029/45	- 300	MS90454-0-0	916-0000-101	Skt	0	0	A/B	PWR

<b>Connector Family: Mil-C-81511 Series II</b>								
M39029/46	- 302	M39029/46-301 MS90460A23-28 MS90460B23-28	316-2328-561	Skt	23	28	A/B	PWR
M39029/46	- 304	M39029/46-303 MS90460A23-22 MS90460B23-22	316-2322-562	Skt	23	22	A/B	PWR
M39029/46	- 306	M39029/46-305 MS90460A20-20 MS90460B20-20	316-2020-563	Skt	20	20	A/B	PWR
M39029/46	- 308	M39029/46-307 MS90460A16-16 MS90460B16-16	316-1616-564	Skt	16	16	A/B	PWR
M39029/46	- 310	M39029/46-309 MS90460A12-12 MS90460B12-12	316-1212-565	Skt	12	12	A/B	PWR

<b>Connector Families: Mil-C-81511 Series I &amp; II</b>								
M39029/47	- 312	M39029/47-311 MS90461A23-28 MS90461B23-28	315-2328-561	Pin	23	28	A/B	PWR
M39029/47	- 314	M39029/47-313 MS90461A23-22 MS90461B23-22	315-2322-562	Pin	23	22	A/B	PWR
M39029/47	- 316	M39029/47-315 MS90461A20-20 MS90461B20-20	315-2020-563	Pin	20	20	A/B	PWR

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**Connector Families: Mil-C-81511 Series I & II (Continued)**

M39029/47	- 337	M39029/47-336 MS90461A16-16 MS90461B16-16	315-1616-564	Pin	16	16	A/B	PWR
M39029/47	- 339	M39029/47-338 MS90461A12-12 MS90461B12-12	315-1212-565	Pin	12	12	A/B	PWR

**Connector Family: Mil-C-22992 Class L**

M39029/48	- 317	MS90559-11	915-0606-595	Pin	6	6	A/A	PWR
M39029/48	- 318	MS90559-12	915-0606-596	Pin	6N	6	A/A	PWR
M39029/48	- 319	MS90559-14	915-0606-597	Pin	6G	6	A/A	PWR
M39029/48	- 320	MS90559-8	915-0404-576	Pin	4	4	A/A	PWR
M39029/48	- 321	MS90559-9	915-0404-577	Pin	4N	4	A/A	PWR
M39029/48	- 322	MS90559-13	915-0404-578	Pin	4G	4	A/A	PWR
M39029/48	- 323	MS90559-5	915-1001-498	Pin	1/0	1	A/A	PWR
M39029/48	- 324	MS90559-6	915-1001-499	Pin	1/ON	1	A/A	PWR
M39029/48	- 325	MS90559-3	915-0202-579	Pin	2/0	2/0	A/A	PWR
M39029/48	- 326	MS90559-4	915-0202-580	Pin	2/ON	2/0	A/A	PWR
M39029/48	- 327	MS90559-1	915-4040-598	Pin	4/0	4/0	A/A	PWR
M39029/48	- 328	MS90559-2	915-4040-599	Pin	4/ON	4/0	A/A	PWR

**Connector Family: Mil-C-22992 Class L**

M39029/49	- 329	MS90560-7	916-0606-595	Skt	6	6	A/A	PWR
M39029/49	- 330	MS90560-8	916-0606-597	Skt	6G	6	A/A	PWR
M39029/49	- 331	MS90560-5	916-0404-576	Skt	4	4	A/A	PWR
M39029/49	- 332	MS90560-9	916-0404-578	Skt	4G	4	A/A	PWR
M39029/49	- 333	MS90560-3	916-1001-498	Skt	1/0	1	A/A	PWR
M39029/49	- 334	MS90560-2	916-0202-579	Skt	2/0	2/0	A/A	PWR
M39029/49	- 335	MS90560-1	916-4040-598	Skt	4/0	4/0	A/A	PWR

**Connector Family: Mil-C-83733**

M39029/50	- 340	M83733/13-12	315-12CX-546	Pin	12	M17/094- RG179	D/B	CX
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**Connector Family: Mil-C-83733**

M39029/51	- 341	M83733/14-12	316-12CX-546	Skt	12	M17/094- RG179	D/B	CX
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**Connector Families: Mil-C-26500 and Mil-C-26518**

M39029/54	- 342	MS27184-22P	315-12CX-547	Pin	12	M27500- 22RE1N06	D/A	CX
M39029/54	- 343	MS27184-20P	315-08CX-548	Pin	8	M27500- 20RE1N06	D/A	CX

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**Connector Families: Mil-C-26500 and Mil-C-26518**

M39029/55	-	344	MS27185-22S MS27450-22S	316-12CX-547	Skt	12	M27500- 22RE1N06	D/A	CX
M39029/55	-	345	MS27185-20S MS27450-20S	316-08CX-548	Skt	8	M27500- 20RE1N06	D/A	CX

**Connector Families: Mil-C-38999 Series I, III, & IV**

M39029/56	-	348	MS27490-22D MS27655-22D	316-2222-136	Skt	22	22D	A/B	PWR
M39029/56	-	349	MS27490-22M	316-2222-137	Skt	22	22M	A/B	PWR
M39029/56	-	350	MS27490-22	316-2222-138	Skt	22	22	A/B	PWR
M39029/56	-	351	MS27490-20 MS27655-20	316-2020-139	Skt	20	20	A/B	PWR
M39029/56	-	352	MS27490-16 MS27655-16	316-1616-140	Skt	16	16	A/B	PWR
M39029/56	-	353	MS27490-12 MS27655-12	316-1212-141	Skt	12	12	A/B	PWR
M39029/56	-	527	—	316-1010-231	Skt	10	10	A/B	PWR

**Connector Families: Mil-C-24308 and Mil-C-55302/68, /71, /72, /75; Mil-C-38999 Series II and Mil-C-83733**

M39029/57	-	354	MS27491-22D MS27492-22D M24308/12-1	316-2222-103	Skt	22	22D	A/B	PWR
M39029/57	-	355	MS27491-22M MS27492-22M	316-2222-104	Skt	22	22M	A/B	PWR
M39029/57	-	356	MS27491-22 MS27492-22	316-2222-105	Skt	22	22	A/B	PWR
M39029/57	-	357	MS27491-20 MS27492-20	316-2020-106	Skt	20	20	A/B	PWR
M39029/57	-	358	MS27491-16 MS27492-16	316-1616-107 <i>(10-251416-165)</i>	Skt	16	16	A/B	PWR
M39029/57	-	359	MS27491-12 MS27492-12	316-1212-108	Skt	12	12	A/B	PWR

**Connector Families: Mil-C-24308; Mil-C-55302/69; Mil-C-38999 Series I, II, III, & IV; Mil-C-83733**

M39029/58	-	360	MS27493-22D MS27494-22D M24308/13-1	315-2222-103	Pin	22	22D	A/B	PWR
M39029/58	-	360	MS27493-22D MS27494-22D M24308/13-1	315-2222-703#	Pin	22	22D	A/B	PWR
M39029/58	-	361	MS27493-22M MS27494-22M	315-2222-104	Pin	22	22M	A/B	PWR
M39029/58	-	362	MS27493-22 MS27494-22	315-2222-105	Pin	22	22	A/B	PWR
M39029/58	-	363	MS27493-20 MS27494-20	315-2020-106	Pin	20	20	A/B	PWR

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# (BeCu)

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<b>Connector Families: Mil-C-24308; Mil-C-55302/69; Mil-C-38999 Series I, II, III, &amp; IV; Mil-C-83733 (Continued)</b>								
M39029/58 -	363	MS27493-20 MS27494-20	315-2020-706#	Pin	20	20	A/B	PWR
M39029/58 -	364	MS27493-16 MS27494-16	315-1616-107	Pin	16	16	A/B	PWR
M39029/58 -	364	MS27493-16 MS27494-16	315-1616-707#	Pin	16	16	A/B	PWR
M39029/58 -	365	MS27493-12 MS27494-12	315-1212-108	Pin	12	12	A/B	PWR
M39029/58 -	365	MS27493-12 MS27494-12	315-1212-708#	Pin	12	12	A/B	PWR
M39029/58 -	528	—	315-1010-231	Pin	10	10	A/B	PWR

# (BeCu)

**Connector Families: Mil-C-38999 Series I, III, & IV**

M39029/59 -	366	MS27535	316-08CX-547	Skt	8	M17/095- RG180	D/B	CX
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**Connector Families: Mil-C-38999 Series I, III, & IV**

M39029/60 -	367	MS27536	315-08CX-547	Pin	8	M17/095- RG180	D/B	CX
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**Connector Family: Mil-C-24308**

M39029/63 -	368	M24308/10-1	318-2020-055	Skt	20	20	A/A	PWR
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**Connector Family: Mil-C-24308**

M39029/64 -	369	M24308/11-1	317-2020-055	Pin	20	20	A/A	PWR
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**Connector Family: Mil-C-24308**

M39029/65 -	370*	M24308/14-1	315-16CX-638	Pin	16	RG-178B/U	D/A	CX
M39029/65 -	371*	M24308/14-2	315-16CX-639	Pin	16	RG-174/U RG-316/U	D/A	CX
<b>*NOTE: This specification has been cancelled.</b>								

**Connector Family: Mil-C-24308**

M39029/66 -	372*	M24308/15-1	316-16CX-638	Skt	16	RG-178B/U	D/A	CX
M39029/66 -	373*	M24308/15-2	316-16CX-639	Skt	16	RG-174/U RG-316/U	D/A	CX
<b>*NOTE: This Specification has been cancelled.</b>								

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**Connector Family: Mil-C-24308**

M39029/67	-	374*	M24308/16-1	316-08CX-604	Skt	8	RG-178B/U	D/A	CX
M39029/67	-	375*	M24308/16-2	316-08CX-605	Skt	8	RG-174/U RG-316/U	D/A	CX
M39029/67	-	376*	M24308/16-3	316-08CX-606	Skt	8	RG-180B/U	D/A	CX
M39029/67	-	377*	M24308/16-4	316-08CX-607	Skt	8	RG-58C/U RG-303/U	D/A	CX
M39029/67	-	378*	M24308/16-5	316-08CX-608	Skt	8	RG-142B/U RG-223/U	D/A	CX

\*NOTE: This specification has been cancelled.

**Connector Family: Mil-C-24308**

M39029/68	-	379*	M24308/17-1	315-08CX-604	Pin	8	RG-178B/U	D/A	CX
M39029/68	-	380*	M24308/17-2	315-08CX-605	Pin	8	RG-174/U RG-316/U	D/A	CX
M39029/68	-	381*	M24308/17-3	315-08CX-606	Pin	8	RG-180B/U	D/A	CX
M39029/68	-	382*	M24308/17-4	315-08CX-607	Pin	8	RG-58C/U RG-303/U	D/A	CX
M39029/68	-	383*	M24308/17-5	315-08CX-608	Pin	8	RG-142B/U RG-223/U	D/A	CX

\*NOTE: This specification has been cancelled.

**Connector Family: Mil-C-85028 (AS)**

M39029/69	-	384	M39029/69-1	316-1624-602	Skt	16	24	A/A	PWR
M39029/69	-	385	M39029/69-2	316-1620-602	Skt	16	20	A/A	PWR
M39029/69	-	386	M39029/69-3	316-1616-602	Skt	16	16	A/A	PWR

**Connector Family: Mil-C-85028 (AS)**

M39029/70	-	387	M39029/70-1	315-1624-602	Pin	16	24	A/A	PWR
M39029/70	-	388	M39029/70-2	315-1620-602	Pin	16	20	A/A	PWR
M39029/70	-	389	M39029/70-3	315-1616-602	Pin	16	16	A/A	PWR

**Connector Families: Mil-C-24308; Mil-C-38999 Series I, II, III, & IV; Mil-C-55302/69; and Mil-C-83733**

M39029/71	-	390	M39029/71-1	315-22WW-912	Pin	22	WW	A/B	PWR
M39029/71	-	391	M39029/71-2	315-22WW-103	Pin	22	WW	A/B	PWR
M39029/71	-	392	M39029/71-3	315-22WW-127	Pin	22	WW	A/B	PWR

**Connector Families: Mil-C-24308; Mil-C-38999 Series I, II, III, & IV; Mil-C-55302/68, /71, /75; Mil-C-83733**

M39029/72	-	393	M39029/72-1	316-22WW-912	Skt	22	WW	A/A	PWR
M39029/72	-	394	M39029/72-2	316-22WW-103	Skt	22	WW	A/A	PWR
M39029/72	-	395	M39029/72-3	316-22WW-127	Skt	22	WW	A/A	PWR
M39029/72	-	524	—	316-22W1-157	Skt	22	WW	A/A	PWR
M39029/72	-	525	—	316-22WW-345	Skt	22	WW	A/A	PWR
M39029/72	-	526	—	316-22WW-038	Skt	22	WW	A/A	PWR

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**Connector Families: Mil-C-26482 Series II, Mil-C-83723 Series I & III, Mil-C-83733 and Mil-C-81703 Series III**

M39029/73	-	396	M39029/73-12A D-602-0107	316-12CX-609	Skt	12	M17/095- RG180	D/A	CX
M39029/73	-	397	M39029/73-12B D-602-0105	316-12CX-610	Skt	12	M17/093- RG178; M17/094- RG179;	D/A	CX
M39029/73	-	398	M39029/73-12C D-602-0095	316-12CX-611	Skt	12	24AWG (Twisted Pair;) 26AWG (Twisted Pair;)	D/A	CX

**Connector Families: Mil-C-26482 Series II, Mil-C-83723 Series I & III, Mil-C-83733 and Mil-C-81703 Series III**

M39029/74	-	399	M39029/74-12A D-602-0106	315-12CX-609	Pin	12	M17/095- RG180	D/A	CX
M39029/74	-	400	M39029/74-12B D-602-0104	315-12CX-610	Pin	12	M17/093- RG178; M17/094- RG179;	D/A	CX
M39029/74	-	401	M39029/74-12C D-602-0094	315-12CX-611	Pin	12	24AWG (Twisted Pair;) 26AWG (Twisted Pair;)	D/A	CX

**Connector Families: Mil-C-38999 Series I, III, & IV**

M39029/75	-	416	M39029/75-12A 21-33123-546	316-12CX-616	Skt	12	M17/119- RG174; M17/113- RG316; M17/094- RG179; Times AA3248; Teledyne 11299; Thermax 75-738-BCCWXE; Tensolite 30888/L707YX-1; Haveg 8100207;	D/B	CX
M39029/75	-	417	M39029/75-12B 21-33123-541	316-12CX-617	Skt	12	M17/095- RG180; Raychem 9527D1514-2L; Raychem 9528A1318; Microdot 293-3922;	D/B	CX
M39029/75	-	418	M39029/75-12C 21-33123-542	316-12CX-618	Skt	12	Microdot 250-4070	D/B	CX

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**Connector Families: Mil-C-38999 Series I, III, & IV (Continued)**

M39029/75	-	419	M39029/75-12D 21-33123-543	316-12CX-619	Skt	12	Raychem 48-502; Raychem 5022E5111;	D/B	CX
M39029/75	-	420	M39029/75-12E 21-33123-544	316-12CX-620	Skt	12	Raychem 48-950; Raychem 9530D5117	D/B	CX
M39029/75	-	421	M39029/75-12F 21-33123-545	316-12CX-621	Skt	12	Raychem 7624D1311; Raychem 9527A1318	D/B	CX
M39029/75	-	422	M39029/75-12G 21-33123-547	316-12CX-622	Skt	12	GORE GWN1159A;	D/B	CX
M39029/75	-	423	M39029/75-12H 21-33123-548	316-12CX-623	Skt	12	1S50MU-16, -20, -40, -70 Mil-C-915/42	D/B	CX

**Connector Families: Mil-C-24308; Mil-C-38999 Series I, II, III, & IV**

M39029/76	-	424	M39029/76-16A 21-33122-563	315-16CX-624	Pin	16	M17/119- RG174; M17/113- RG316; M17/094- RG179; Times AA3248; Teledyne 11299; Thermax 75-738-BCCWXE; Tensolite 30888/L707YX-1; Haveg 8100207;	D/B	CX
M39029/76	-	425	M39029/76-16B 21-33122-564	315-16CX-625	Pin	16	M17/093- RG178	D/B	CX
M39029/76	-	426	M39029/76-16C 21-33122-561	315-16CX-626	Pin	16	Haveg 61-02051; Revere WH95623 (red shielded)	D/B	CX
M39029/76	-	427	M39029/76-16D 21-33122-562	315-16CX-627	Pin	16	Haveg 30-00761, 30-02024, 30-02033; Tensolite 24713/A955KK1, 26723/A955KK1;	D/B	CX

Military Part Number Spec/Sheet No.	BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
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Connector Families: Mil-C-38999 Series I, III, & IV

M39029/77 -	428	M39029/77-16A 21-33123-563	316-16CX-628	Skt	16	M17/119- RG174; M17/113- RG316; M17/094- RG179; Teledyne 11299; Thermax 75-738-BCCWXE; Times AA3248; Tensolite 30888/L707YX-1; Haveg 8100207;	D/B	CX
M39029/77 -	429	M39029/77-16B 21-33123-564	316-16CX-629	Skt	16	M17/093- RG178	D/B	CX
M39029/77 -	430	M39029/77-16C 21-33123-561	316-16CX-630	Skt	16	Haveg 61-02051; Revere WH95623 (red shielded)	D/B	CX
M39029/77 -	431	M39029/77-16D 21-33123-562	316-16CX-631	Skt	16	Haveg 30-00761, 30-02024, 30-02033; Tensolite 24713/A955KK1, 26723/A955KK1;	D/B	CX

Connector Families: Mil-C-24308; Mil-C-38999 Series II

M39029/78 -	432	M39029/78-16A 21-33121-563	316-16CX-624	Skt	16	M17/119- RG174; M17/113- RG316; M17/094- RG179; Times AA3248; Teledyne 11299; Thermax 75-738-BCCWXE; Tensolite 30888/L707YX-1; Haveg 8100207;	D/B	CX
M39029/78 -	433	M39029/78-16B 21-33121-564	316-16CX-625	Skt	16	M17/093- RG178;	D/B	CX
M39029/78 -	434	M39029/78-16C 21-33121-561	316-16CX-626	Skt	16	Haveg 61-02051; Revere WH95623 (red shielded)	D/B	CX

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<b>Connector Families: Mil-C-24308; Mil-C-38999 Series II (Continued)</b>								
M39029/78	—	435	M39029/78-16D 21-33121-562	316-16CX-627	Skt	16	Haveg 30-00761, 30-02024, 30-02033; Tensolite 24713/A955KK1, 26723/A955KK1;	D/B CX

<b>Connector Family: Mil-C-28748/9</b>								
M39029/79	—	436	M39029/79-16A CSC16M002	315-16CX-612	Pin	16	M17/094- RG179; M17/113 RG316;	D/A CX
M39029/79	—	437	M39029/79-16B CSC16M003	315-16CX-613	Pin	16	M17/093- RG178;	D/A CX

<b>Connector Family: Mil-C-28748/10</b>								
M39029/80	—	438	M39029/80-16A CSC16F002	316-16CX-612	Skt	16	M17/094- RG179; M17/113- RG316;	D/A CX
M39029/80	—	439	M39029/80-16B CSC16F003	316-16CX-613	Skt	16	M17/093- RG178;	D/A CX

<b>Connector Family: Mil-C-28840</b>								
M39029/83	—	450	M39029/83-20-22	315-2022-915	Pin	20	22	A/B PWR
M39029/83	—	451	M39029/83-20-28	315-2028-915	Pin	20	28	A/B PWR
M39029/83	—	508	—	315-2020-915	Pin	20	20	A/B PWR

<b>Connector Family: Mil-C-28840</b>								
M39029/84	—	452	M39029/84-20-22	316-2022-915	Skt	20	22	A/B PWR
M39029/84	—	453	M39029/84-20-28	316-2028-915	Skt	20	28	A/B PWR
M39029/84	—	509	—	316-2020-915	Skt	20	20	A/B PWR

<b>Connector Families: Mil-C-5015 Series MS3450 and Mil-C-83723 Series II</b>								
M39029/85	—	454	M39029/851616C1	015-1616-091K	Pin	16	16	C/B TC-CO
M39029/85	—	455	M39029/851616C2	015-1616-091A	Pin	16	16	C/B TC-AL
M39029/85	—	456	M39029/851616C3	015-1616-091C	Pin	16	16	C/B TC-CH
M39029/85	—	457	M39029/851616C4	415-1616-091I	Pin	16	16	C/B TC-FE
M39029/85	—	458	M39029/851212C1	015-1212-092K	Pin	12	12	C/B TC-CO
M39029/85	—	459	M39029/851212C2	015-1212-092A	Pin	12	12	C/B TC-AL
M39029/85	—	460	M39029/851212C3	015-1212-092C	Pin	12	12	C/B TC-CH
M39029/85	—	461	M39029/851212C4	415-1212-092I	Pin	12	12	C/B TC-FE



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<b>Connector Families: Mil-C-5015 Series MS3450 and Mil-C-83723 Series II</b>								
M39029/86 -	510	—	016-1616-117K	Skt	16S	16	C/B	TC-CO
M39029/86 -	511	—	016-1616-117A	Skt	16S	16	C/B	TC-AL
M39029/86 -	512	—	016-1616-117C	Skt	16S	16	C/B	TC-CH
M39029/86 -	513	—	416-1616-117I	Skt	16S	16	C/B	TC-FE
M39029/86 -	462	M39029/861616C1	016-1616-091K	Skt	16	16	C/B	TC-CO
M39029/86 -	463	M39029/861616C2	016-1616-091A	Skt	16	16	C/B	TC-AL
M39029/86 -	464	M39029/861616C3	016-1616-091C	Skt	16	16	C/B	TC-CH
M39029/86 -	465	M39029/861616C4	416-1616-091I	Skt	16	16	C/B	TC-FE
M39029/86 -	466	M39029/861212C1	016-1212-092K	Skt	12	12	C/B	TC-CO
M39029/86 -	467	M39029/861212C2	016-1212-092A	Skt	12	12	C/B	TC-AL
M39029/86 -	468	M39029/861212C3	016-1212-092C	Skt	12	12	C/B	TC-CH
M39029/86 -	469	M39029/861212C4	416-1212-092I	Skt	12	12	C/B	TC-FE

<b>Connector Families: Mil-C-24308; Mil-C-38999 Series I, II, III, &amp; IV; and Mil-C-83733</b>								
M39029/87 -	470	M39029/872222C1	015-2222-103K	Pin	22	22D	C/B	TC-CO
M39029/87 -	471	M39029/872222C2	015-2222-103A	Pin	22	22D	C/B	TC-AL
M39029/87 -	472	M39029/872222C3	015-2222-103C	Pin	22	22D	C/B	TC-CH
M39029/87 -	473	M39029/872222C4	415-2222-103I	Pin	22	22D	C/B	TC-FE
M39029/87 -	474	M39029/872020C1	015-2020-106K	Pin	20	20	C/B	TC-CO
M39029/87 -	475	M39029/872020C2	015-2020-106A	Pin	20	20	C/B	TC-AL
M39029/87 -	476	M39029/872020C3	015-2020-106C	Pin	20	20	C/B	TC-CH
M39029/87 -	477	M39029/872020C4	415-2020-106I	Pin	20	20	C/B	TC-FE
M39029/87 -	478	M39029/871616C1	015-1616-107K	Pin	16	16	C/B	TC-CO
M39029/87 -	479	M39029/871616C2	015-1616-107A	Pin	16	16	C/B	TC-AL
M39029/87 -	480	M39029/871616C3	015-1616-107C	Pin	16	16	C/B	TC-CH
M39029/87 -	481	M39029/871616C4	415-1616-107I	Pin	16	16	C/B	TC-FE

<b>Connector Families: Mil-C-38999 Series I, III &amp; IV</b>								
M39029/88 -	482	M39029/882222C1	016-2222-136K	Skt	22	22D	C/B	TC-CO
M39029/88 -	483	M39029/882222C2	016-2222-136A	Skt	22	22D	C/B	TC-AL
M39029/88 -	484	M39029/882222C3	016-2222-136C	Skt	22	22D	C/B	TC-CH
M39029/88 -	485	M39029/882222C4	416-2222-136I	Skt	22	22D	C/B	TC-FE
M39029/88 -	486	M39029/882020C1	016-2020-139K	Skt	20	20	C/B	TC-CO
M39029/88 -	487	M39029/882020C2	016-2020-139A	Skt	20	20	C/B	TC-AL
M39029/88 -	488	M39029/882020C3	016-2020-139C	Skt	20	20	C/B	TC-CH
M39029/88 -	489	M39029/882020C4	416-2020-139I	Skt	20	20	C/B	TC-FE
M39029/88 -	490	M39029/881616C1	016-1616-140K	Skt	16	16	C/B	TC-CO
M39029/88 -	491	M39029/881616C2	016-1616-140A	Skt	16	16	C/B	TC-AL
M39029/88 -	492	M39029/881616C3	016-1616-140C	Skt	16	16	C/B	TC-CH
M39029/88 -	493	M39029/881616C4	416-1616-140I	Skt	16	16	C/B	TC-FE

Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Families: Mil-C-24308; Mil-C-38999 Series II; and Mil-C-83733</b>								
M39029/89	- 494	M39029/892222C1	016-2222-103K	Skt	22	22D	C/B	TC-CO
M39029/89	- 495	M39029/892222C2	016-2222-103A	Skt	22	22D	C/B	TC-AL
M39029/89	- 496	M39029/892222C3	016-2222-103C	Skt	22	22D	C/B	TC-CH
M39029/89	- 497	M39029/892222C4	416-2222-103I	Skt	22	22D	C/B	TC-FE
M39029/89	- 498	M39029/892020C1	016-2020-106K	Skt	20	20	C/B	TC-CO
M39029/89	- 499	M39029/892020C2	016-2020-106A	Skt	20	20	C/B	TC-AL
M39029/89	- 500	M39029/892020C3	016-2020-106C	Skt	20	20	C/B	TC-CH
M39029/89	- 501	M39029/892020C4	416-2020-106I	Skt	20	20	C/B	TC-FE
M39029/89	- 502	M39029/891616C1	016-1616-107K	Skt	16	16	C/B	TC-CO
M39029/89	- 503	M39029/891616C2	016-1616-107A	Skt	16	16	C/B	TC-AL
M39029/89	- 504	M39029/891616C3	016-1616-107C	Skt	16	16	C/B	TC-CH
M39029/89	- 505	M39029/891616C4	416-1616-107I	Skt	16	16	C/B	TC-FE

**Connector Family: Mil-C-38999 Series III**

M39029/90	- 529	—	315-08CX-232	Pin	8	M17/176-00002	D/B	CX
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**Connector Family: Mil-C-38999 Series III**

M39029/91	- 530	—	316-08CX-232	Skt	8	M17/176-00002	D/B	CX
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**Connector Family: Mil-S-12883/40, /41 Relay Sockets**

M39029/92	- 531	—	316-2222-634	Skt	22	22	A/B	PWR
M39029/92	- 532	—	316-2020-634	Skt	20	20	A/B	PWR
M39029/92	- 533	—	316-1616-634	Skt	16	16	A/B	PWR
M39029/92	- 534	—	316-1620-634	Skt	16	20	A/B	PWR
M39029/92	- 535	—	316-1212-634	Skt	12	12	A/B	PWR
M39029/92	- 536	—	316-1216-634	Skt	12	16	A/B	PWR

**Connector Family: Mil-C-83527**

M39029/93	- 537	—	315-2222-301	Pin	22	22	A/B	PWR
M39029/93	- 538	—	315-2020-302	Pin	20	20	A/B	PWR
M39029/93	- 539	—	315-1616-303	Pin	16	16	A/B	PWR
M39029/93	- 540	—	315-1212-304	Pin	12	12	A/B	PWR

**Connector Family: Mil-C-83527**

M39029/94	- 541	—	316-2222-301	Skt	22	22	A/B	PWR
M39029/94	- 542	—	316-2020-302	Skt	20	20	A/B	PWR
M39029/94	- 543	—	316-1616-303	Skt	16	16	A/B	PWR
M39029/94	- 544	—	316-1212-304	Skt	12	12	A/B	PWR

Spec/Sheet No.	Military Part Number BIN Code	Supersedes Military Part No.	Tri-Star Part Number	Style	Contact Cavity Size	Wire Size	Type/ Class	Type/ Usage
<b>Connector Family: Mil-C-83527</b>								
M39029/95 -	545	—	316-08CX-614	Skt	8	M17/176-00002	D/B	CX
<b>Connector Family: Mil-C-83527</b>								
M39029/96 -	546	—	315-08CX-614	Pin	8	M17/176-00002	D/B	CX
<b>Connector Family: Mil-C-83527</b>								
M39029/97 -	547	—	315-01CX-615	Pin	1	M17/075-RG214	D/B	CX
<b>Connector Family: MIL-C-83527</b>								
M39029/98 -	548	—	316-01CX-615	Skt	1	M17/075-RG214	D/B	CX
<b>Connector Family: Mil-C-83527</b>								
M39029/99 -	549	—	315-05CX-615	Pin	5	M17/028-RG058; M17/084-RG223	D/B	CX
<b>Connector Family: Mil-C-83527</b>								
M39029/100 -	550	—	316-05CX-615	Skt	5	M17/028-RG058; M17/084-RG223	D/B	CX
<b>Connector Families: Mil-S-12883/44, /45, and /46 Relay Sockets</b>								
M39029/101 -	551	—	316-2228-194	Skt	22	28	A/B	PWR
M39029/101 -	552	—	316-2222-194	Skt	22	22	A/B	PWR
M39029/101 -	553	—	316-2020-194	Skt	20	20	A/B	PWR
M39029/101 -	554	—	316-1616-194	Skt	16	16	A/B	PWR

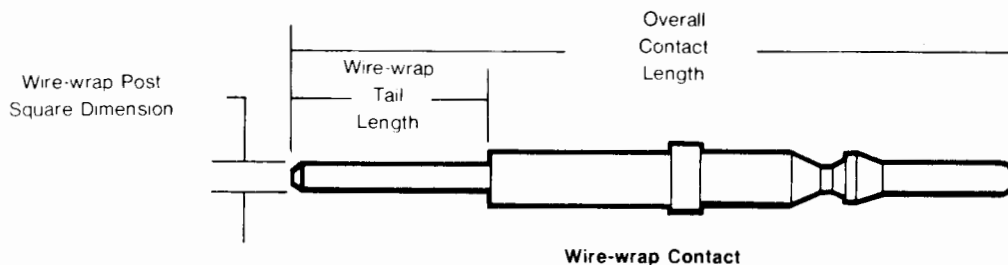
**THERMOCOUPLE, WIRE-WRAP®, and PRINTED CIRCUIT TERMINATIONS**

**SPECIAL ORDERING INSTRUCTIONS**

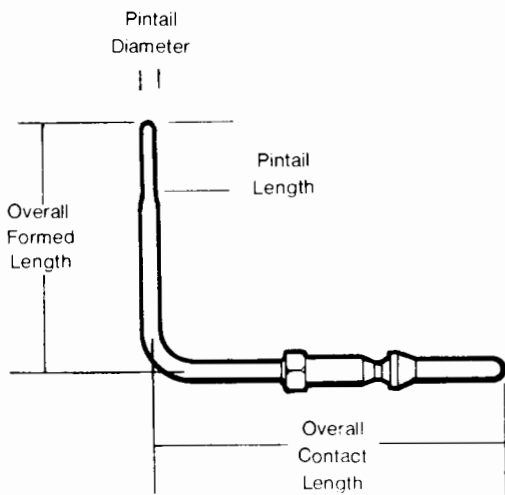
In addition to all of the standard Tri-Star, Mil-C-39029 specified, and various cross-referenced contact configurations enumerated herein, Tri-Star can and does manufacture thermocouple, wire-wrap®, printed circuit, and coaxial (shielded) termination versions for most connectors. Should you fail to find the contact required for your specific application listed herein, or should you require a contact for a different type of termination other than those listed, Tri-Star can fulfill your needs on special order, provided we having the following information, together with a cross reference to the standard power contact and/or connector which you are seeking to accommodate. This cross reference can be via connector Mil-Spec and size; connector Military Part Number; former contact Military Part Number, or M39029/X-BIN specification.

**THERMOCOUPLE CONTACTS:** In the case of thermocouple versions of standard power contacts, you need only to provide the cross reference information and specify the basic material desired (i.e. TC-AL for Alumel; TC-CH for Chromel; TC-CO for Constantan; TC-CU for Copper; or TC-FE for Iron). Should you require a material other than those listed, please consult factory

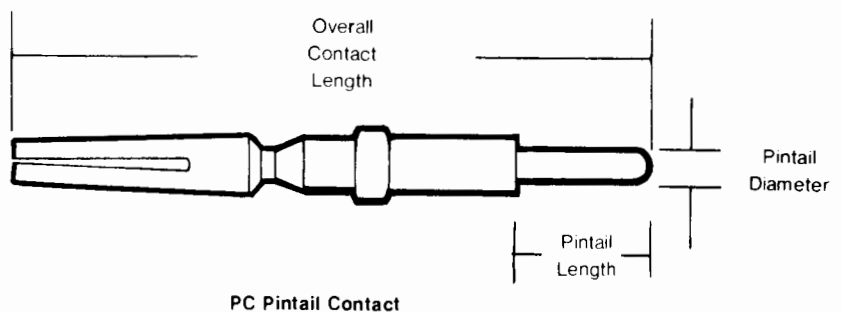
**WIRE-WRAP CONTACTS:** For wire-wrap terminations, please provide in addition to the power contact or connector cross reference, the following dimensional information: (1) overall length of contact desired; (2) length of wire-wrap tail required; and (3) the square dimension of the wire-wrap post required (e.g. .025" sq., .045" sq., etc.); please see accompanying drawing for additional details.



**PRINTED CIRCUIT CONTACTS:** For P.C. type contacts, we require in addition to the cross reference (power contact or connector) data, the following dimensional information: (1) overall contact length; (2) pintail length; (3) pintail diameter; and (4) if the contact desired is to be right angle, both lengths for the right angle portion. Please see the accompanying illustration for further details.



**PC Right Angle Contact**



**PC Pintail Contact**

\*Wire-wrap is a registered trademark of Gardner-Denver

Please consult the factory in any case not covered by the foregoing instructions.

Section VI

**CONTACT SELECTION GUIDE**  
**Cross Referenced by Former CONTACT Military Part Number**

**HOW TO USE THIS CROSS REFERENCE SELECTION GUIDE**

In 1984, all contact military part numbers were changed and a new numbering system was instituted utilizing the M39029/X prefix and the contact's BIN Code as the new military part number; all prior military part number designations have been superseded, and are no longer in use. However, in order to identify and locate any contact by its previous military part number, locate the old part number in the column at the left, and the columns to the right will provide the appropriate BIN Code (Basic Identification Number), and refer you to the proper M39029/X section(s) to find the contact's pertinent data (i.e., other military part numbers, if any; Tri-Star P/N; Style; Contact Cavity and Wire Sizes; Type/Class; and Type/Usage). Please **NOTE** that **ALL** military P/N's listed herein are superseded numbers, and are provided for the user's information only; also the same BIN Code listed herein may occur under two or more contact listings, depending upon the number of previously assigned military part numbers.

\*Where BIN Codes are marked with asterisk (\*), these particular specifications have been cancelled, and data are provided as a matter of information only.

SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION
21-33121-541	402	/27	21-33123-547	422	/75	M24308/14-1	370*	/65
21-33121-542	403	/27	21-33123-548	423	/75	M24308/14-2	371*	/65
21-33121-543	404	/27	21-33123-561	430	/77	M24308/15-1	372*	/66
21-33121-544	405	/27	21-33123-562	431	/77	M24308/15-2	373*	/66
21-33121-545	406	/27	21-33123-563	428	/77	M24308/16-1	374*	/67
21-33121-546	210	/27	21-33123-564	429	/77	M24308/16-2	375*	/67
21-33121-547	407	/27	5000-070-516	514	/9	M24308/16-3	376*	/67
21-33121-548	408	/27	5000-070-416	515	/9	M24308/16-4	377*	/67
21-33121-561	434	/78	5000-070-116	516	/9	M24308/16-5	378*	/67
21-33121-562	435	/78	5000-070-216	517	/9	M24308/17-1	379*	/68
21-33121-563	432	/78	5000-070-316	518	/9	M24308/17-2	380*	/68
21-33121-564	433	/78	5000-108-516	519	/10	M24308/17-3	381*	/68
21-33122-541	409	/28	5000-108-416	520	/10	M24308/17-4	382*	/68
21-33122-542	410	/28	5000-108-116	521	/10	M24308/17-5	383*	/68
21-33122-543	411	/28	5000-108-216	522	/10	M39029/1-12-12	103	/1
21-33122-544	412	/28	5000-108-316	523	/10	M39029/1-14-16	102	/1
21-33122-545	413	/28	CSC16F002	438	/80	M39029/1-16-20	101	/1
21-33122-546	211	/28	CSC16F003	439	/80	M39029/1-16-22	100	/1
21-33122-547	414	/28	CSC16M002	436	/79	M39029/1-20-22D	507	/1
21-33122-548	415	/28	CSC16M003	437	/79	M39029/2-16-16	106	/2
21-33122-561	426	/76	D-602-0094	401	/74	M39029/2-20-20	105	/2
21-33122-562	427	/76	D-602-0095	398	/73	M39029/2-22-22	104	/2
21-33122-563	424	/76	D-602-0104	400	/74	M39029/3-16-16	109	/3
21-33122-564	425	/76	D-602-0105	397	/73	M39029/3-20-20	108	/3
21-33123-541	417	/75	D-602-0106	399	/74	M39029/3-22-22	107	/3
21-33123-542	418	/75	D-602-0107	396	/73	M39029/4-12-12	113	/4
21-33123-543	419	/75	M24308/10-1	368	/63	M39029/4-12-16	114	/4
21-33123-544	420	/75	M24308/11-1	369	/64	M39029/4-16-16	111	/4
21-33123-545	421	/75	M24308/12-1	354	/57	M39029/4-16-20	112	/4
21-33123-546	416	/75	M24308/13-1	360	/58	M39029/4-20-20	110	/4

SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION
M39029/5-12-12	118	/5	M39029/11-22-22	144	/11	M39029/21-01	187	/21
M39029/5-12-16	119	/5	M39029/12-12-12	151	/12	M39029/21-02	188	/21
M39029/5-16-16	116	/5	M39029/12-16-16	150	/12	M39029/21-03	189	/21
M39029/5-16-20	117	/5	M39029/12-20-20	149	/12	M39029/22-16-16	193	/22
M39029/5-20-20	115	/5	M39029/12-22-22	148	/12	M39029/22-20-20	192	/22
M39029/6-01	120	/6	M39029/13-01	152	/13	M39029/22-22-22	191	/22
M39029/6-02	121	/6	M39029/13-02	153	/13	M39029/22-22-28	190	/22
M39029/6-03	122	/6	M39029/13-03	154	/13	M39029/23-01	194	/23
M39029/6-04	123	/6	M39029/13-04	155	/13	M39029/23-02	195	/23
M39029/6-05	124	/6	M39029/13-05	156	/13	M39029/23-03	196	/23
M39029/6-06	125	/6	M39029/13-06	157	/13	M39029/23-04	197	/23
M39029/7-001	126	/7	M39029/14-01	158	/14	M39029/23-05	198	/23
M39029/7-002	127	/7	M39029/14-02	159	/14	M39029/24-01	199	/24
M39029/7-003	128	/7	M39029/14-03	160	/14	M39029/24-02	200	/24
M39029/8-001	129	/8	M39029/14-04	161	/14	M39029/24-03	201	/24
M39029/8-002	130	/8	M39029/14-05	162	/14	M39029/24-04	202	/24
M39029/8-003	131	/8	M39029/14-06	163	/14	M39029/24-05	203	/24
M39029/9-16-16-C1	514	/9	M39029/15-22-22	191	/22	M39029/25-01	204	/25
M39029/9-16-16-C2	515	/9	M39029/15-22-28	190	/22	M39029/25-02	205	/25
M39029/9-16-16-C3	516	/9	M39029/16-12-12	170	/16	M39029/25-03	206	/25
M39029/9-16-16-C4	517	/9	M39029/16-16-16	169	/16	M39029/26-01	207	/26
M39029/9-16-16-C5	518	/9	M39029/16-20-20	168	/16	M39029/26-02	208	/26
M39029/9-20-20-C1	132	/9	M39029/16-23-22	167	/16	M39029/26-03	209	/26
M39029/9-20-20-C2	133	/9	M39029/16-23-28	166	/16	M39029/27-12A	210	/27
M39029/9-20-20-C3	134	/9	M39029/17-12-12	175	/17	M39029/27-12B	402	/27
M39029/9-20-20-C4	135	/9	M39029/17-16-16	174	/17	M39029/27-12C	403	/27
M39029/9-20-20-C5	136	/9	M39029/17-20-20	173	/17	M39029/27-12D	404	/27
M39029/10-16-16-C1	519	/10	M39029/17-23-22	172	/17	M39029/27-12E	405	/27
M39029/10-16-16-C2	520	/10	M39029/17-23-28	171	/17	M39029/27-12F	406	/27
M39029/10-16-16-C3	521	/10	M39029/18-12-12	180	/18	M39029/27-12G	407	/27
M39029/10-16-16-C4	522	/10	M39029/18-16-16	179	/18	M39029/27-12H	408	/27
M39029/10-16-16-C5	523	/10	M39029/18-20-20	178	/18	M39029/28-12A	211	/28
M39029/10-20-20-C1	138	/10	M39029/18-23-22	177	/18	M39029/28-12B	409	/28
M39029/10-20-20-C2	139	/10	M39029/18-23-28	176	/18	M39029/28-12C	410	/28
M39029/10-20-20-C3	140	/10	M39029/19-01	181	/19	M39029/28-12D	411	/28
M39029/10-20-20-C4	141	/10	M39029/19-02	182	/19	M39029/28-12E	412	/28
M39029/10-20-20-C5	142	/10	M39029/19-03	183	/19	M39029/28-12F	413	/28
M39029/11-12-12	147	/11	M39029/20-01	184	/20	M39029/28-12G	414	/28
M39029/11-16-16	146	/11	M39029/20-02	185	/20	M39029/28-12H	415	/28
M39029/11-20-20	145	/11	M39029/20-03	186	/20	M39029/29-0-0	216	/29

SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION
M39029/29-4-4	215	/29	M39029/72-3	395	/72	M39029/851616C2	455	/85
M39029/29-8-8	214	/29	M39029/73-12A	396	/73	M39029/851616C3	456	/85
M39029/29-12-12	213	/29	M39029/73-12B	397	/73	M39029/851616C4	457	/85
M39029/29-16-16	212	/29	M39029/73-12C	398	/73	M39029/861212C1	466	/86
M39029/30-0-0	222	/30	M39029/74-12A	399	/74	M39029/861212C2	467	/86
M39029/30-4-4	221	/30	M39029/74-12B	400	/74	M39029/861212C3	468	/86
M39029/30-8-8	220	/30	M39029/74-12C	401	/74	M39029/861212C4	469	/86
M39029/30-12-12	219	/30	M39029/75-12A	416	/75	M39029/861616C1	462	/86
M39029/30-16-16	218	/30	M39029/75-12B	417	/75	M39029/861616C2	463	/86
M39029/30-16S-16	217	/30	M39029/75-12C	418	/75	M39029/861616C3	464	/86
M39029/31-20-20	448	/31	M39029/75-12D	419	/75	M39029/861616C4	465	/86
M39029/32-20-20	449	/32	M39029/75-12E	420	/75	M39029/871616C1	478	/87
M39029/33-261	262	/33	M39029/75-12F	421	/75	M39029/871616C2	479	/87
M39029/33-263	264	/33	M39029/75-12G	422	/75	M39029/871616C3	480	/87
M39029/33-265	266	/33	M39029/75-12H	423	/75	M39029/871616C4	481	/87
M39029/33-267	268	/33	M39029/76-16A	424	/76	M39029/872020C1	474	/87
M39029/33-269	270	/33	M39029/76-16B	425	/76	M39029/872020C2	475	/87
M39029/34-22-22	440	/34	M39029/76-16C	426	/76	M39029/872020C3	476	/87
M39029/35-22-22	441	/35	M39029/76-16D	427	/76	M39029/872020C4	477	/87
M39029/46-301	302	/46	M39029/77-16A	428	/77	M39029/872222C1	470	/87
M39029/46-303	304	/46	M39029/77-16B	429	/77	M39029/872222C2	471	/87
M39029/46-305	306	/46	M39029/77-16C	430	/77	M39029/872222C3	472	/87
M39029/46-307	308	/46	M39029/77-16D	431	/77	M39029/872222C4	473	/87
M39029/46-309	310	/46	M39029/78-16A	432	/78	M39029/881616C1	490	/88
M39029/47-311	312	/47	M39029/78-16B	433	/78	M39029/881616C2	491	/88
M39029/47-313	314	/47	M39029/78-16C	434	/78	M39029/881616C3	492	/88
M39029/47-315	316	/47	M39029/78-16D	435	/78	M39029/881616C4	493	/88
M39029/47-336	337	/47	M39029/79-16A	436	/79	M39029/882020C1	486	/88
M39029/47-338	339	/47	M39029/79-16B	437	/79	M39029/882020C2	487	/88
M39029/69-1	384	/69	M39029/80-16A	438	/80	M39029/882020C3	488	/88
M39029/69-2	385	/69	M39029/80-16B	439	/80	M39029/882020C4	489	/88
M39029/69-3	386	/69	M39029/83-20-22	450	/83	M39029/882222C1	482	/88
M39029/70-1	387	/70	M39029/83-20-28	451	/83	M39029/882222C2	483	/88
M39029/70-2	388	/70	M39029/84-20-22	452	/84	M39029/882222C3	484	/88
M39029/70-3	389	/70	M39029/84-20-28	453	/84	M39029/882222C4	485	/88
M39029/71-1	390	/71	M39029/851212C1	458	/85	M39029/891616C1	502	/89
M39029/71-2	391	/71	M39029/851212C2	459	/85	M39029/891616C2	503	/89
M39029/71-3	392	/71	M39029/851212C3	460	/85	M39029/891616C3	504	/89
M39029/72-1	393	/72	M39029/851212C4	461	/85	M39029/891616C4	505	/89
M39029/72-2	394	/72	M39029/851616C1	454	/85	M39029/892020C1	498	/89

SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION
M39029/892020C2	499	/89	MS3192-12-12C2	238	/31	MS3343B20-20	266	/33
M39029/892020C3	500	/89	MS3192-12-12C3	239	/31	MS3343A23-22	264	/33
M39029/892020C4	501	/89	MS3192-12-12C4	236	/31	MS3343B23-22	264	/33
M39029/892222C1	494	/89	MS3192-16-16A	231	/31	MS3343A23-28	262	/33
M39029/892222C2	495	/89	MS3192-16-16B	230	/31	MS3343B23-28	262	/33
M39029/892222C3	496	/89	MS3192-16-16C1	231	/31	MS17803/16-16	273	/34
M39029/892222C4	497	/89	MS3192-16-16C2	232	/31	MS17803/16-20	272	/34
M83723-29T0	216	/29	MS3192-16-16C3	233	/31	MS17803/20-20	271	/34
M83723-29T4	215	/29	MS3192-16-16C4	230	/31	MS17804/16-16	276	/35
M83723-29T8	214	/29	MS3192-20-20A	223	/31	MS17804/16-20	275	/35
M83723-29T12	213	/29	MS3192-20-20B	224	/31	MS17804/20-20	274	/35
M83723-29T16	212	/29	MS3192-20-20C1	225	/31	MS17807/16-16	278	/36
M83723-30T0	222	/30	MS3192-20-20C2	226	/31	MS17807/16-20	277	/36
M83723-30T4	221	/30	MS3192-20-20C3	227	/31	MS17808/16-16	280	/37
M83723-30T8	220	/30	MS3192-20-20C4	224	/31	MS17808/16-20	279	/37
M83723-30T12	219	/30	MS3192A20-20A	240	/31	MS18232-1	281*	/40
M83723-30T16	218	/30	MS3193-12-12A	253	/32	MS18233-1	282*	/41
M83723-30T17	217	/30	MS3193-12-12B	255	/32	MS18265-1	283*	/42
M83723-33B12	113	/4	MS3193-12-12C1	256	/32	MS18265-2	284*	/42
M83723-33B16	111	/4	MS3193-12-12C2	257	/32	MS18266-1	285*	/43
M83723-33B20	110	/4	MS3193-12-12C3	258	/32	MS18266-2	286*	/43
M83723-34B12	118	/5	MS3193-12-12C4	255	/32	MS24254-12P	235	/31
M83723-34B16	116	/5	MS3193-16-16A	247	/32	MS24254-16P	229	/31
M83723-34B20	115	/5	MS3193-16-16B	249	/32	MS24254-20P	241	/31
M83733/13-12	340	/50	MS3193-16-16C1	250	/32	MS24255-12S	254	/32
M83733/14-12	341	/51	MS3193-16-16C2	251	/32	MS24255-16S	248	/32
MS3162-0-0	216	/29	MS3193-16-16C3	252	/32	MS24255-20S	260	/32
MS3162-4-4	215	/29	MS3193-16-16C4	249	/32	MS27184-20P	343	/54
MS3162-8-8	214	/29	MS3193-20-20A	242	/32	MS27184-22P	342	/54
MS3162-12-12	213	/29	MS3193-20-20B	243	/32	MS27185-20S	345	/55
MS3162-16-16	212	/29	MS3193-20-20C1	244	/32	MS27185-22S	344	/55
MS3163-0-0	222	/30	MS3193-20-20C2	245	/32	MS27450-20S	345	/55
MS3163-4-4	221	/30	MS3193-20-20C3	246	/32	MS27450-22S	344	/55
MS3163-8-8	220	/30	MS3193-20-20C4	243	/32	MS27490-12	353	/56
MS3163-12-12	219	/30	MS3193A20-20A	259	/32	MS27490-16	352	/56
MS3163-16-16	218	/30	MS3343A12-12	270	/33	MS27490-20	351	/56
MS3163-16S-16	217	/30	MS3343B12-12	270	/33	MS27490-22	350	/56
MS3192-12-12A	234	/31	MS3343A16-16	268	/33	MS27490-22D	348	/56
MS3192-12-12B	236	/31	MS3343B16-16	268	/33	MS27490-22M	349	/56
MS3192-12-12C1	237	/31	MS3343A20-20	266	/33	MS27491-12	359	/57



SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION	SUPERSEDED MILITARY PART NUMBER	BIN CODE	M39029/X SECTION
MS27491-16	358	/57	MS90453-4-4	292	/44	MS90461B23-22	314	/47
MS27491-20	357	/57	MS90453-8-8	291	/44	MS90461A23-28	312	/47
MS27491-22	356	/57	MS90453-12-12	290	/44	MS90461B23-28	312	/47
MS27491-22D	354	/57	MS90453-12-16	289	/44	MS90559-1	327	/48
MS27491-22M	355	/57	MS90453-16-16	288	/44	MS90559-2	328	/48
MS27492-12	359	/57	MS90453-16-22	287	/44	MS90559-3	325	/48
MS27492-16	358	/57	MS90454-0-0	300	/45	MS90559-4	326	/48
MS27492-20	357	/57	MS90454-4-4	299	/45	MS90559-5	323	/48
MS27492-22	356	/57	MS90454-8-8	298	/45	MS90559-6	324	/48
MS27492-22D	354	/57	MS90454-12-12	297	/45	MS90559-8	320	/48
MS27492-22M	355	/57	MS90454-12-16	296	/45	MS90559-9	321	/48
MS27493-12	365	/58	MS90454-16-16	295	/45	MS90559-11	317	/48
MS27493-16	364	/58	MS90454-16-22	294	/45	MS90559-12	318	/48
MS27493-20	363	/58	MS90460A12-12	310	/46	MS90559-13	322	/48
MS27493-22	362	/58	MS90460B12-12	310	/46	MS90559-14	319	/48
MS27493-22D	360	/58	MS90460A16-16	308	/46	MS90560-1	335	/49
MS27493-22M	361	/58	MS90460B16-16	308	/46	MS90560-2	334	/49
MS27494-12	365	/58	MS90460A20-20	306	/46	MS90560-3	333	/49
MS27494-16	364	/58	MS90460B20-20	306	/46	MS90560-5	331	/49
MS27494-20	363	/58	MS90460A23-22	304	/46	MS90560-7	329	/49
MS27494-22	362	/58	MS90460B23-22	304	/46	MS90560-8	330	/49
MS27494-22D	360	/58	MS90460A23-28	302	/46	MS90560-9	332	/49
MS27494-22M	361	/58	MS90460B23-28	302	/46			
MS27535	366	/59	MS90461A12-12	339	/47			
MS27536	367	/60	MS90461B12-12	339	/47			
MS27655-12	353	/56	MS90461A16-16	337	/47			
MS27655-16	352	/56	MS90461B16-16	337	/47			
MS27655-20	351	/56	MS90461A20-20	316	/47			
MS27655-22D	348	/56	MS90461B20-20	316	/47			
MS90453-0-0	293	/44	MS90461A23-22	314	/47			

Section VII

**CONTACT SELECTION GUIDE**

**Cross Referenced by Connector Military Specification**

**HOW TO USE THIS CROSS REFERENCE:**

To find the appropriate contact for any connector covered by the Mil-Spec's listed herein, locate the pertinent Mil-Spec and Series, Class, or / # in the column at the left, and columns to the right will refer you to the proper M39029/X Section(s) for the correct power, thermocouple, wire-wrap or coaxial pin or socket contact for that particular connector.

CONNECTOR MIL SPEC.	SERIES CLASS, or / #	POWER		THERMOCOUPLE		WIRE-WRAP		COAXIAL	
		PIN	SKT	PIN	SKT	PIN	SKT	PIN	SKT
Common Terminal System (CTS)	—	—	/22	—	—	—	—	—	—
Mil-C-5015	MS3400	/44	/45	—	—	—	—	—	—
Mil-C-5015	MS3450	/29	/30	/85	/86	—	—	—	—
Mil-C-22992	L	/48	/49	—	—	—	—	—	—
Mil-C-24308	—	/58 /64	/57 /63	/87	/89	/71	/72	/65 /68 /76	/66 /67 /78
Mil-C-26482	I	/31	/32	/31	/32	—	—	/23 /25	/24 /26
	II	/4	/5	/9	/10	—	—	/7 /74	/8 /73
Mil-C-26500	—	/31	/32	/31	/32	—	—	/54	/55
Mil-C-26518	—	/31	/32	/31	/32	—	—	/54	/55
Mil-C-28748	/3	/34	—	—	—	—	—	/40 /43	— —
	/4	—	/35	—	—	—	—	—	/41 /42
	/9	/36	—	—	—	—	—	/43 /79	— —
	/10	—	/37	—	—	—	—	—	/42 /80
	/13	/34	—	—	—	—	—	—	—
	/14	—	/35	—	—	—	—	—	—
Mil-C-28840	—	/83	/84	—	—	—	—	—	—
Mil-C-38999	I	/58	/56	/87	/88	/71	/72	/28 /60 /76	/75 /59 /77
	II	/58	/57	/87	/89	/71	/72	/28 /76	/27 /78
	III	/58	/56	/87	/88	/71	/72	/28 /60 /76 /90	/75 /59 /77 /91

# CONTACT SELECTION GUIDE

## Cross Referenced by Connector Military Specification

CONNECTOR MIL SPEC.	SERIES CLASS, or/#	POWER		THERMOCOUPLE		WIRE-WRAP		COAXIAL	
		PIN	SKT	PIN	SKT	PIN	SKT	PIN	SKT
Mil-C-38999	IV	/58	/56	/87	/88	/71	/72	/28 /60 /76	/75 /59 /77
Mil-C-55302	/68 /69 /71 /72 /75	— /58 — — —	/57 — /57 /57 /57	— — — — —	— — — — —	— /71 — — —	/72 — /72 — /72	— — — — —	— — — — —
Mil-C-81511	I II III IV	/47 /47 /18 /18	/33 /46 /17 /16 /22	— — — —	— — — —	— — — —	— — — —	/6 /6 /19 /19	/13 /14 /20 /21
Mil-C-81659	I II	/2 /11	/3 /12	— —	— —	— —	— —	— —	— —
Mil-C-81703	II III	/31 /4	/32 /5	/31 /9	/32 /10	— —	— —	— /7 /74	— /8 /73
Mil-C-83527	—	/93	/94	—	—	—	—	/96 /97 /99	/95 /98 /100
Mil-C-83723	I II III	/4 /29 /4	/5 /30 /5	/9 /85 /9	/10 /86 /10	— — —	— — —	/7 /74 — /7 /74	/8 /73 — /8 /73
Mil-C-83733	—	/4 /58	/5 /57	/9 /87	/10 /89	/71	/72	/7 /50 /74	/8 /51 /73
Mil-C-85028	AS	/70	/69	—	—	—	—	—	—
Mil-S-12883	/40 /41 /44 /45 /46	— — — — —	/92 /92 /101 /101 /101	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
Mil-T-81714	—	/1	—	—	—	—	—	—	—

## CONTACT SELECTION GUIDE

Cross Referenced by Connector Military Part Number

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)							
				Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
D38999/20	Mil-C-38999	III	Receptacle, Wall Mounting Flange, Triple Start Threaded Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
D38999/24	Mil-C-38999	III	Receptacle, Jam-Nut Mounting, Triple Start Threaded Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
D38999/26	Mil-C-38999	III	Plug, Straight, Triple Start Threaded Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
D38999/40	Mil-C-38999	IV	Receptacle, Wall Mounting Flange, Breech Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
D38999/42	Mil-C-38999	IV	Receptacle, Box Mounting Flange, Breech Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
D38999/44	Mil-C-38999	IV	Receptacle, Jam-Nut Mounting, Breech Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
D38999/46	Mil-C-38999	IV	Plug, EMI Grounding, Breech Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
D38999/47	Mil-C-38999	IV	Plug, Straight, Breech Coupling, Metric	158	156	187	188	171	172	128 160 176	175 159 177
M24308/2	Mil-C-24308	—	Rectangular, Miniature, Polarized Shell, Rack & Panel, With Socket Contacts	—	157 163	—	189	—	172	—	166 167 178
M24308/4	Mil-C-24308	—	Rectangular, Miniature, Polarized Shell, Rack & Panel, With Pin Contacts	158 164	—	187	—	171	—	165 168	—
M24308/6	Mil-C-24308	—	Rectangular, Miniature, Polarized Shell, Rack & Panel, With Socket Contacts, Non-magnetic	—	157 163	—	189	—	172	—	166 167
M24308/8	Mil-C-24308	—	Rectangular, Miniature, Polarized Shell, Rack & Panel, With Pin Contacts, Non-magnetic	158 164	—	187	—	171	—	165 168	—
M28748/3	Mil-C-28748	—	Rectangular, Rack & Panel, With Removable Crimp Pin Contacts, Sizes 16 & 20	134	—	—	—	—	—	140 143	—
M28748/4	Mil-C-28748	—	Rectangular, Rack & Panel, With Removable Crimp Socket Contacts, Sizes 16 & 20	—	135	—	—	—	—	—	141 142
M28748/9	Mil-C-28748	—	Rectangular, Rack & Panel, Polarized Center Screw Lock, With Size 16 Crimp Removable Pin Contacts	136	—	—	—	—	—	143 179	—

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)								
				Power		Thermocouple		Wire-Wrap		Coaxial		
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt	
M28748/10	Mil-C-28748	—	Rectangular, Rack & Panel, Polarized Center Screw Lock, With Size 16 Crimp Removable Socket Contacts	—	/37	—	—	—	—	—	—	/42 /80
M28748/13	Mil-C-28748	—	Rectangular, Rack & Panel, With Removable Crimp Pin Contacts, Size 22	/34	—	—	—	—	—	—	—	—
M28748/14	Mil-C-28748	—	Rectangular, Rack & Panel, With Removable Crimp Socket Contacts, Size 22	—	/35	—	—	—	—	—	—	—
M28840/10	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Receptacle, Wall Mounting	/83	/84	—	—	—	—	—	—	—
M28840/11	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Receptacle, Cable Connecting	/83	/84	—	—	—	—	—	—	—
M28840/12	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Receptacle, Box Mounting	/83	/84	—	—	—	—	—	—	—
M28840/14	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Receptacle, Jam Nut Mounting	/83	/84	—	—	—	—	—	—	—
M28840/16	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Plug	/83	/84	—	—	—	—	—	—	—
M28840/17	Mil-C-28440	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Plug Assembly, Open Wire	/83	/84	—	—	—	—	—	—	—
M28840/18	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Plug Assembly, Open Wire, 90° Elbow	/83	/84	—	—	—	—	—	—	—
M28840/19	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Plug Assembly, Open Wire, 45° Elbow	/83	/84	—	—	—	—	—	—	—
M28840/20	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Receptacle, Wall Mounting Assembly, Straight	/83	/84	—	—	—	—	—	—	—
M28840/21	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Receptacle, Cable Connecting Assembly, Straight	/83	/84	—	—	—	—	—	—	—
M28840/26	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Plug Assembly, Straight	/83	/84	—	—	—	—	—	—	—

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)									
				Power		Thermocouple		Wire-Wrap		Coaxial			
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt		
M28840/28	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Plug Assembly, 90° Elbow	183	184	—	—	—	—	—	—		
M28840/29	Mil-C-28840	—	Circular, Screw Threads, High Density, High Shock, Shipboard, Plug Assembly, 45° Elbow	183	184	—	—	—	—	—	—		
M55302/68	Mil-C-55302	—	PC Subassembly, Socket Receptacle, Polarized (.090 Spacing)	—	157	—	—	—	172	—	—		
M55302/69	Mil-C-55302	—	PC Subassembly, Pin Plug, Polarized (.090 Spacing)	158	—	—	—	171	—	—	—		
M55302/71	Mil-C-55302	—	PC Subassembly, Socket Receptacle, Polarized (.100 Spacing)	—	157	—	—	—	172	—	—		
M55302/72	Mil-C-55302	—	PC Subassembly, Socket Receptacle, Polarized, Environmental Resistant (.150 Spacing)	—	157	—	—	—	172	—	—		
M55302/75	Mil-C-55302	—	PC Subassembly, Socket Receptacle, Polarized (.100 Spacing)	—	157	—	—	—	172	—	—		
M81511/1	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Receptacle, Flange Mounting	147	146	—	—	—	—	16	14		
M81511/3	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Receptacle, Jam Nut Mounting	147	146	—	—	—	—	16	14		
M81511/5	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Receptacle, Cable Connecting	147	146	—	—	—	—	16	14		
M81511/6	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Plug	147	146	—	—	—	—	16	14		
M81511/21	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Receptacle, Flange Mounting	147	133	—	—	—	—	16	13		
M81511/23	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Receptacle, Jam Nut Mounting	147	133	—	—	—	—	16	13		
M81511/25	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Receptacle, Cable Connecting	147	133	—	—	—	—	16	13		
M81511/26	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Plug	147	133	—	—	—	—	16	13		
M81511/31	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Receptacle, Flange Mounting	147	146	—	—	—	—	16	14		
M81511/32	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Receptacle, Jam Nut Mounting	147	146	—	—	—	—	16	14		
M81511/33	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Receptacle, Cable Connecting	147	146	—	—	—	—	16	14		

Applicable Contact Specification (M39029/X)

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M81511/34	Mil-C-81511	II	Circular, High Density, Quick Disconnect, Plug	147	146	-	-	-	-	16	14
M81511/35	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Receptacle, Flange Mounting	147	133	-	-	-	-	16	13
M81511/36	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Receptacle, Jam Nut Mounting	147	133	-	-	-	-	16	13
M81511/37	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Receptacle, Cable Connecting	147	133	-	-	-	-	16	13
M81511/38	Mil-C-81511	I	Circular, High Density, Quick Disconnect, Plug	147	133	-	-	-	-	16	13
M81511/41	Mil-C-81511	III	Circular, High Density, Quick Disconnect, Receptacle, Flange Mounting, Individual Release	118	117 122	-	-	-	-	119	120
M81511/45	Mil-C-81511	III	Circular, High Density, Quick Disconnect, Receptacle, Cable Connecting, Individual Release	118	117 122	-	-	-	-	119	120
M81511/46	Mil-C-81511	III	Circular, High Density, Quick Disconnect, Plug, Individual Release	118	117 122	-	-	-	-	119	120
M81511/49	Mil-C-81511	III	Circular, High Density, Quick Disconnect, Receptacle, Jam Nut Mounting, Individual Release	118	117 122	-	-	-	-	119	120
M81511/51	Mil-C-81511	IV	Circular, High Density, Quick Disconnect, Receptacle, Flange Mounting, Individual Release	118	116 122	-	-	-	-	119	121
M81511/53	Mil-C-81511	IV	Circular, High Density, Quick Disconnect, Receptacle, Jam Nut Mounting, Individual Release	118	116 122	-	-	-	-	119	21
M81511/55	Mil-C-81511	IV	Circular, High Density, Quick Disconnect, Receptacle, Cable Connecting, Individual Release	118	116 122	-	-	-	-	119	121
M81511/56	Mil-C-81511	IV	Circular, High Density, Quick Disconnect, Plug, Individual Release	118	116 122	-	-	-	-	119	121
M81659/1	Mil-C-81659	I	Rectangular Plug, Single Insert, Type II, Class 1, Shell Designator A	12	13	-	-	-	-	-	-
M81659/2	Mil-C-81659		Rectangular Plug, Single Insert, Type II, Class 2, Shell Designator A	12	13	-	-	-	-	-	-
M81659/3	Mil-C-81659	I	Rectangular Receptacle, Single Insert, Type II, Class 1, Shell Designator A	12	13	-	-	-	-	-	-
M81659/4	Mil-C-81659	I	Rectangular Receptacle, Single Insert, Type II, Class 2, Shell Designator A	12	13	-	-	-	-	-	-

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)							
				Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M81659/5	Mil-C-81659	I	Rectangular Receptacle, Single Insert, Type I, Class 1, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/6	Mil-C-81659	I	Rectangular Receptacle, Single Insert, Type I, Class 2, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/7	Mil-C-81659	I	Rectangular Plug, Double Insert, Type II, Class 1, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/8	Mil-C-81659	I	Rectangular Plug, Double Insert, Type II, Class 2, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/9	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type II, Class 1, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/10	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type II, Class 2, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/11	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type I, Class 1, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/12	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type I, Class 2, Shell Designator A	/2	/3	-	-	-	-	-	-
M81659/21	Mil-C-81659	I	Rectangular Plug, Double Insert, Type II, Class 1, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/22	Mil-C-81659	I	Rectangular Plug, Double Insert, Type II, Class 2, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/23	Mil-C-81659	I	Rectangular Plug, Double Insert, Type I, Class 1, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/24	Mil-C-81659	I	Rectangular Plug, Double Insert, Type I, Class 2, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/25	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type II, Class 1, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/26	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type II, Class 2, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/27	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type I, Class 1, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/28	Mil-C-81659	I	Rectangular Receptacle, Double Insert, Type I, Class 2, Shell Designator B	/2	/3	-	-	-	-	-	-
M81659/29	Mil-C-81659	II	Rectangular Plug, Single Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/30	Mil-C-81659	II	Rectangular Plug, Single Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-



Applicable Contact Specification (M39029/X)

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M81659/31	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/32	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/33	Mil-C-81659	II	Rectangular Plug, Double Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/34	Mil-C-81659	II	Rectangular Plug, Double Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/35	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/36	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/37	Mil-C-81659	II	Rectangular Plug, Triple Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/38	Mil-C-81659	II	Rectangular Plug, Triple Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/39	Mil-C-81659	II	Rectangular Receptacle, Triple Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/40	Mil-C-81659	II	Rectangular Receptacle, Triple Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/41	Mil-C-81659	II	Rectangular Plug, Quadruple Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/42	Mil-C-81659	II	Rectangular Plug, Quadruple Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/43	Mil-C-81659	II	Rectangular Receptacle, Quadruple Insert, Type II, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/44	Mil-C-81659	II	Rectangular Receptacle, Quadruple Insert, Type II, Class 2, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/45	Mil-C-81659	II	Rectangular Plug, Single Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/46	Mil-C-81659	II	Rectangular Plug, Single Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/47	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/48	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)							
				Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M81659/49	Mil-C-81659	II	Rectangular Plug, Double Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/50	Mil-C-81659	II	Rectangular Plug, Double Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/51	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/52	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/53	Mil-C-81659	II	Rectangular Plug, Triple Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/54	Mil-C-81659	II	Rectangular Plug, Triple Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/55	Mil-C-81659	II	Rectangular Receptacle, Triple Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/56	Mil-C-81659	II	Rectangular Receptacle, Triple Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/57	Mil-C-81659	II	Rectangular Plug, Quadruple Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/58	Mil-C-81659	II	Rectangular Plug, Quadruple Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/59	Mil-C-81659	II	Rectangular Receptacle, Quadruple Insert, Type II, Class 1, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/60	Mil-C-81659	II	Rectangular Receptacle, Quadruple Insert, Type II, Class 2, Shell Designator B	/11	/12	-	-	-	-	-	-
M81659/61	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type III, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/62	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type III, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/63	Mil-C-81659	II	Rectangular Receptacle, Triple Insert, Type III, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/64	Mil-C-81659	II	Rectangular Receptacle, Quadruple Insert, Type III, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/65	Mil-C-81659	II	Rectangular Plug, Single Insert, Type IV, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/66	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type IV, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-

Applicable Contact Specification (M39029/X)

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M81659/67	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type IV, Class 1, Shell Designator A, With Clinch Nut Mounting	/11	/12	-	-	-	-	-	-
M81659/68	Mil-C-81659	II	Rectangular Receptacle, Single Insert, Type IV, Class 1, Shell Designator A, Float Mounting	/11	/12	-	-	-	-	-	-
M81659/69	Mil-C-81659	II	Rectangular Plug, Double Insert, Type IV, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/70	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type IV, Class 1, Shell Designator A	/11	/12	-	-	-	-	-	-
M81659/71	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type IV, Class 1, Shell Designator A, With Clinch Nut Mounting	/11	/12	-	-	-	-	-	-
M81659/72	Mil-C-81659	II	Rectangular Receptacle, Double Insert, Type IV, Class 1, Shell Designator A, Float Mounting	/11	/12	-	-	-	-	-	-
M83723/1 (Inactive, use MS3470)	Mil-C-26482	II	Receptacle, Narrow Flange Mounting, Bayonet Coupling, Crimp Socket Contacts	-	/5	-	/10	-	-	-	/8
M83723/2 (Inactive, use MS3470)	Mil-C-26482	II	Receptacle, Narrow Flange Mounting, Bayonet Coupling, Crimp Pin Contacts	/4	-	/9	-	-	-	/7	-
M83723/3 (Inactive, use MS3472)	Mil-C-26482	II	Receptacle, Wide Flange Mounting, Bayonet Coupling, Crimp Socket Contacts	-	/5	-	/10	-	-	-	/8
M83723/4 (Inactive, use MS3472)	Mil-C-26482	II	Receptacle, Wide Flange Mounting, Bayonet Coupling, Crimp Pin Contacts	/4	-	/9	-	-	-	/7	-
M83723/5 (Inactive, use MS3474)	Mil-C-26482	II	Receptacle, Single Hole Mounting, Bayonet Coupling, Crimp Socket Contacts	-	/5	-	/10	-	-	-	/8
M83723/6 (Inactive, use MS3474)	Mil-C-26482	II	Receptacle, Single Hole Mounting, Bayonet Coupling, Crimp Pin Contacts	/4	-	/9	-	-	-	/7	-
M83723/7 (Inactive, use MS3471)	Mil-C-26482	II	Receptacle, Cable Connecting, Bayonet Coupling, Crimp Socket Contacts	-	/5	-	/10	-	-	-	/8
M83723/8 (Inactive, use MS3471)	Mil-C-26482	II	Receptacle, Cable Connecting, Bayonet Coupling, Crimp Pin Contacts	/4	-	/9	-	-	-	/7	-
M83723/13 (Inactive, use MS3476)	Mil-C-26482	II	Plug, Bayonet Coupling, Crimp Socket Contacts	-	/5	-	/10	-	-	-	/8
M83723/14 (Inactive, use MS3476)	Mil-C-26482	II	Plug, Bayonet Coupling, Crimp Pin Contacts	/4	-	/9	-	-	-	/7	-
M83723/17 (Inactive, use MS3451)	Mil-C-83723	II	Receptacle, Cable Connecting, Threaded Coupling, Crimp Socket Contacts	-	/30	-	/86	-	-	-	-

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)							
				Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M83723/18 (Inactive, use MS3451)	Mil-C-83723	II	Receptacle, Cable Connect- ing, Threaded Coupling, Crimp Pin Contacts	/29	—	/85	—	—	—	—	—
M83723/19 (Inactive use MS3450)	Mil-C-83723	II	Receptacle, Wall Mounting, Threaded Coupling, Crimp Socket Contacts	—	/30	—	/86	—	—	—	—
M83723/20 (Inactive, use MS3450)	Mil-C-83723	II	Receptacle, Wall Mounting, Threaded Coupling, Crimp Pin Contacts	/29	—	/85	—	—	—	—	—
M83723/21 (Inactive, use MS3452)	Mil-C-83723	II	Receptacle, Box Mounting, Threaded Coupling, Crimp Socket Contacts	—	/30	—	/86	—	—	—	—
M83723/22 (Inactive, use MS3452)	Mil-C-83723	II	Receptacle, Box Mounting, Threaded Coupling, Crimp Pin Contacts	/29	—	/85	—	—	—	—	—
M83723/23 (Inactive, use MS3456)	Mil-C-83723	II	Plug, Threaded Coupling, Crimp Socket Contacts	—	/30	—	/86	—	—	—	—
M83723/24 (Inactive, use MS3456)	Mil-C-83723	II	Plug, Threaded Coupling, Crimp Pin Contacts	/29	—	/85	—	—	—	—	—
M83723/42 (Inactive, use MS3475)	Mil-C-83723	I	Plug, RFI Grounding, Bayonet Coupling, Crimp Pin Contacts	/4	—	/9	—	—	—	/7 /74	—
M83723/43 (Inactive, use MS3475)	Mil-C-83723	I	Plug, RFI Grounding, Bayonet Coupling, Crimp Socket Contacts	—	/5	—	/10	—	—	—	/8 /73
M83723/52 (Inactive, use MS3459)	Mil-C-83723	II	Plug, Threaded Coupling, Self-Locking, Crimp Pin Contacts	/29	—	/85	—	—	—	—	—
M83723/53 (Inactive, use MS3459)	Mil-C-83723	II	Plug, Threaded Coupling, Self-Locking, Crimp Socket Contacts	—	/30	—	/86	—	—	—	—
M83723/66	Mil-C-83723	III	Plug, Threaded Coupling, Push-Pull Quick Disconnect, Without Lanyard, Pin Contacts	/4	—	/9	—	—	—	/7 /74	—
M83723/67	Mil-C-83723	III	Plug, Threaded Coupling, Push-Pull Quick Disconnect, Without Lanyard, Socket Contacts	—	/5	—	/10	—	—	—	/8 /73
M83723/68	Mil-C-83723	III	Plug, Threaded Coupling, Push-Pull Quick Disconnect, With Lanyard, Pin Contacts	/4	—	/9	—	—	—	/7 /74	—
M83723/69	Mil-C-83723	III	Plug, Threaded Coupling, Push-Pull Quick Disconnect, With Lanyard, Socket Contacts	—	/5	—	/10	—	—	—	/8 /73
M83723/71	Mil-C-83723	III	Receptacle, Flange Mounting, Bayonet Coupling, Crimp Socket Contacts	—	/5	—	/10	—	—	—	/8 /73
M83723/72	Mil-C-83723	III	Receptacle, Flange Mounting, Bayonet Coupling, Crimp Pin Contacts	/4	—	/9	—	—	—	/7 /74	—
M83723/73	Mil-C-83723	III	Receptacle, Single Hole Mounting, Bayonet Coupling, Crimp Socket Contacts	—	/5	—	/10	—	—	—	/8 /73

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)							
				Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M83723/74	Mil-C-83723	III	Receptacle, Single Hole Mounting, Bayonet Coupling, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/75	Mil-C-83723	III	Plug, Bayonet Coupling, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/76	Mil-C-83723	III	Plug, Bayonet Coupling, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/77	Mil-C-83723	III	Plug, RFI, Bayonet Coupling, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/78	Mil-C-83723	III	Plug, RFI, Bayonet Coupling, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/82	Mil-C-83723	III	Receptacle, Flange Mounting, Threaded Coupling, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/83	Mil-C-83723	III	Receptacle, Flange Mounting, Threaded Coupling, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/84	Mil-C-83723	III	Receptacle, Single Hole Mounting, Threaded Coupling, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/85	Mil-C-83723	III	Receptacle, Single Hole Mounting, Threaded Coupling, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/86	Mil-C-83723	III	Plug, Threaded Coupling, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/87	Mil-C-83723	III	Plug, Threaded Coupling, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/91	Mil-C-83723	III	Plug, RFI, Threaded Coupling, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/92	Mil-C-83723	III	Plug, RFI, Threaded Coupling, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/95	Mil-C-83723	III	Plug, Threaded Coupling, Self-Locking, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/96	Mil-C-83723	III	Plug, Threaded Coupling, Self-Locking, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83723/97	Mil-C-83723	III	Plug, RFI, Threaded Coupling, Self-Locking, Crimp Socket Contacts	—	15	—	110	—	—	—	18 173
M83723/98	Mil-C-83723	III	Plug, RFI, Threaded Coupling, Self-Locking, Crimp Pin Contacts	14	—	19	—	—	—	17 174	—
M83733/1	Mil-C-83733	—	Receptacle, Miniature, Rectangular, Rack & Panel, Standard Hole Mounting	14 158	—	19 187	—	171	—	17 150 174	—
M83733/2	Mil-C-83733	—	Plug, Miniature, Rectangular, Rack & Panel, With Guide Pins & Spring Mounting	—	15 157	—	110 189	—	172	—	18 151 173
M83733/3	Mil-C-83733	—	Receptacle, Miniature, Rectangular Rack & Panel, With Guide Sockets	14 158	—	19 187	—	171	—	17 150 174	—

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)									
				Power		Thermocouple		Wire-Wrap		Coaxial			
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt		
M83733/4	Mil-C-83733	—	Plug, Miniature, Rectangular, Rack & Panel, With Captive Springs	—	15 157	—	110 189	—	172	—	17 51 73		
M83733/5	Mil-C-83733	—	Receptacle, Miniature, Rectangular, Rack & Panel, Bushing Mounting	14 158	—	19 187	—	171	—	17 50 74	—		
M83733/6	Mil-C-83733	—	Receptacle, Miniature, Rectangular, Rack & Panel, Clinch Nut Mounting	14 158	—	19 187	—	171	—	17 50 74	—		
M83733/7	Mil-C-83733	—	Plug, Miniature, Rectangular, Rack & Panel, With Guide Sockets & Spring Mounting	—	15 157	—	110 189	—	172	—	17 51 73		
M83733/8	Mil-C-83733	—	Receptacle, Miniature, Rectangular, Rack & Panel, With Guide Pins	14 158	—	19 187	—	171	—	17 50 74	—		
M83733/9	Mil-C-83733	—	Receptacle, Miniature, Rectangular, Rack & Panel, Staggered Standard Hole Mounting	14 158	—	19 187	—	171	—	17 50 74	—		
M83733/10	Mil-C-83733	—	Receptacle, Miniature, Rectangular, Rack & Panel, Staggered Bushing Mounting	14 158	—	19 187	—	171	—	17 50 74	—		
M83733/11	Mil-C-83733	—	Receptacle, Miniature, Rectangular Rack & Panel, Staggered Clinch Nut Mounting	14 158	—	19 187	—	171	—	17 50 74	—		
M83733/12	Mil-C-83733	—	Plug, Miniature, Rectangular, Rack & Panel, Staggered Spring Mounting	—	15 157	—	110 189	—	172	—	17 51 73		
M85028/1	Mil-C-85028	AS	Plug, Rectangular, Individual Contact Sealing, Polarized Center Jackscrew, With Crimp Removable Pin Contacts	170	—	—	—	—	—	—	—		
M85028/2	Mil-C-85028	AS	Receptacle, Rectangular, Individual Contact Sealing, Polarized Center Jackscrew, With Crimp Removable Socket Contacts	—	169	—	—	—	—	—	—		
M81714/1	Mil-T-81714	—	TJS Module, Feedback Type, Size 22	11	—	—	—	—	—	—	—		
M81714/2	Mil-T-81714	—	TJS Module, Feedback Type, Size 20	11	—	—	—	—	—	—	—		
M81714/3	Mil-T-81714	—	TJS Module, Feedback Type, Size 16	11	—	—	—	—	—	—	—		
M81714/4	Mil-T-81714	—	TJS Module, Feedback Type, Size 12	11	—	—	—	—	—	—	—		
M81714/6	Mil-T-81714	—	TJS Module, Feedthru Type, Size 22	11	—	—	—	—	—	—	—		
M81714/7	Mil-T-81714	—	TJS Module, Feedthru Type, Size 20	11	—	—	—	—	—	—	—		
M81714/8	Mil-T-81714	—	TJS Module, Feedthru Type, Size 16	11	—	—	—	—	—	—	—		

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)							
				Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
M81714/9	Mil-T-81714	—	TJS Module, Feedthru Type, Size 12	/1	—	—	—	—	—	—	—
M81714/11	Mil-T-81714	—	TJS Splices	/1	—	—	—	—	—	—	—
M81714/12	Mil-T-81714	—	TJS, Double Splices	/1	—	—	—	—	—	—	—
M81714/15	Mil-T-81714	—	TJS, Terminal Grounding	/1	—	—	—	—	—	—	—
MS3120	Mil-C-26482	I	Receptacle, Wall Mounting Flange, Bayonet Coupling	/31	/32	/31	/32	—	—	/23 /25	/24 /26
MS3121	Mil-C-26482	I	Plug, Cable Connecting, Bayonet Coupling	/31	/32	/31	/32	—	—	/23 /25	/24 /26
MS3122	Mil-C-26482	I	Receptacle, Box Mounting Flange, Bayonet Coupling	/31	/32	/31	/32	—	—	/23 /25	/24 /26
MS3124	Mil-C-26482	I	Receptacle, Rear Mounting Jam Nut, Bayonet Coupling	/31	/32	/31	/32	—	—	/23 /25	/24 /26
MS3126	Mil-C-26482	I	Plug, Straight, Bayonet Coupling	/31	/32	/31	/32	—	—	/23 /25	/24 /26
MS3127	Mil-C-26482	I	Receptacle, Box Mounting Flange, Bayonet Coupling	/31	/32	/31	/32	—	—	/23 /25	/24 /26
MS3128	Mil-C-26482	I	Receptacle, Wall Mounting Flange, Bayonet Coupling	/31	/32	/31	/32	—	—	/23 /25	/24 /26
MS3140	Mil-C-81703	II	Receptacle, Wall Mounting Flange, Push-Pull Coupling	/31	/32	/31	/32	—	—	—	—
MS3144	Mil-C-81703	II	Receptacle, Jam Nut Mounting, Push-Pull Coupling	/31	/32	/31	/32	—	—	—	—
MS3147	Mil-C-81703	II	Plug, Straight, Push-Pull Coupling	/31	/32	/31	/32	—	—	—	—
MS3148	Mil-C-81703	II	Plug, Lanyard, Push-Pull Coupling	/31	/32	/31	/32	—	—	—	—
MS3400	Mil-C-5015	3400	Receptacle, Wall Mounting, Front Release	/44	/45	—	—	—	—	—	—
MS3401	Mil-C-5015	3400	Receptacle, Cable Connecting, Front Release	/44	/45	—	—	—	—	—	—
MS3402	Mil-C-5015	3400	Receptacle, Box Mounting, Front Release	/44	/45	—	—	—	—	—	—
MS3404	Mil-C-5015	3400	Receptacle, Jam Nut Mounting, Front Release	/44	/45	—	—	—	—	—	—
MS3406	Mil-C-5015	3400	Plug, Straight, Front Release	/44	/45	—	—	—	—	—	—
MS3408	Mil-C-5015	3400	Plug, 90° Assembly, Front Release	/44	/45	—	—	—	—	—	—
MS3409	Mil-C-5015	3400	Plug, 45° Assembly, Front Release	/44	/45	—	—	—	—	—	—
MS3412	Mil-C-5015	3400	Receptacle, Wall Mounting, Front Release (AN Type with accessory threads)	/44	/45	—	—	—	—	—	—
MS3424	Mil-C-81703	III	Receptacle, Wall Mounting, Flange, Push-Pull Coupling	/4	/5	/9	/10	—	—	/7 /74	/8 /73
MS3445	Mil-C-81703	II	Plug, Rack & Panel, Push-Pull Coupling	/31	/32	/31	/32	—	—	—	—
MS3446	Mil-C-81703	III	Plug, Rack & Panel, Push-Pull Coupling	/4	/5	/9	/10	—	—	/7 /74	/8 /73

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)							
				Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
MS3450	Mil-C-5015	3450	Receptacle, Wall Mounting, Rear Release	/29	/30	/85	/86	—	—	—	—
MS3451	Mil-C-5015	3450	Receptacle, Cable Connecting, Rear Release	/29	/30	/85	/86	—	—	—	—
MS3452	Mil-C-5015	3450	Receptacle, Box Mounting, Rear Release	/29	/30	/85	/86	—	—	—	—
MS3454	Mil-C-5015	3450	Receptacle, Jam Nut Mounting, Rear Release	/29	/30	/85	/86	—	—	—	—
MS3456	Mil-C-5015	3450	Plug, Straight, Rear Release	/29	/30	/85	/86	—	—	—	—
MS3459	Mil-C-5015	3450	Plug, Self-Locking Coupling Nut, Rear Release	/29	/30	/85	/86	—	—	—	—
MS3464	Mil-C-81703	III	Receptacle, Jam Nut Mounting, Push-Pull Coupling	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3467	Mil-C-81703	III	Plug, Straight, Push-Pull Coupling	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3468	Mil-C-81703	III	Plug, Lanyard, Push-Pull Coupling	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3470	Mil-C-26482	II	Receptacle, Narrow Flange Mount, Bayonet Coupling (Supersedes Mil-C-83723/1 & /2)	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3471	Mil-C-26482	II	Receptacle, Cable Connect- ing, Bayonet Coupling (Supersedes Mil-C-83723/7 & /8)	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3472	Mil-C-26482	II	Receptacle, Wide Flange Mounting, Bayonet Coupling (Supersedes Mil-C-83723/3 & /4)	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3474	Mil-C-26482	II	Receptacle, Rear Mounting Jam Nut, Bayonet Coupling (Supersedes Mil-C-83723/5 & /6)	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3475	Mil-C-26482	II	Plug, RFI Shielded, Bayonet Coupling, (Supersedes Mil-C-83723/42 & 43)	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS3476	Mil-C-26482	II	Plug, Straight, Bayonet Coupling, (Supersedes Mil-C-83723/13 & /14)	/4	/5	/19	/10	—	—	/17 /74	/18 /73
MS24264	Mil-C-26500	—	Receptacle, Flange Mount, Miniature	/31	/32	/31	/32	—	—	/154	/155
MS24265	Mil-C-26500	—	Receptacle, Single Hole Mount, Miniature	/31	/32	/31	/32	—	—	/154	/155
MS24266	Mil-C-26500	—	Plug, Straight, Miniature	/31	/32	/31	/32	—	—	/154	/155
MS24285	Mil-C-26518	—	Receptacle, Rack & Panel, Miniature	/31	/32	/31	/32	—	—	/154	/155
MS24286	Mil-C-26518	—	Plug, Rack & Panel, Miniature	/31	/32	/31	/32	—	—	/154	/155
MS27466	Mil-C-38999	I	Receptacle, Wall Mounting Flange, Bayonet Coupling	/58	/56	/87	/88	/171	/172	/128 /60 /76	/175 /59 /77
MS27467	Mil-C-38999	I	Plug, Straight, Bayonet Coupling	/58	/56	/87	/88	/171	/172	/128 /60 /76	/175 /59 /77



Applicable Contact Specification (M39029/X)

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Power		Thermocouple		Wire-Wrap		Coaxial	
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt
MS27468	Mil-C-38999	I	Receptacle, Jam Nut Mounting, Bayonet Coupling	158	156	187	188	171	172	128 160 176	127 159 177
MS27472	Mil-C-38999	II	Receptacle, Wall Mounting Flange, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27473	Mil-C-38999	II	Plug, Straight, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27474	Mil-C-38999	II	Receptacle, Jam Nut Mounting, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27479 (Inactive, use MS27472)	Mil-C-38999	II	Receptacle, Wall Mounting Flange, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27480 (Inactive, use MS27473)	Mil-C-38999	II	Plug, Straight, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27481 (Inactive, use MS27474)	Mil-C-38999	II	Receptacle, Jam Nut Mounting, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27484	Mil-C-38999	II	Plug, Straight, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27496	Mil-C-38999	I	Receptacle, Box Mounting, Bayonet Coupling	158	156	187	188	171	172	128 160 176	127 159 177
MS27497	Mil-C-38999	II	Receptacle, Back Panel Wall Mounting Flange, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27498	Mil-C-38999	I	Plug, 90° Elbow, Bayonet Coupling	158	156	187	188	171	172	128 160 176	127 159 177
MS27499	Mil-C-38999	II	Receptacle, Box Mounting Flange, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27500 (Inactive)	Mil-C-38999	II	Plug, 90° Elbow, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27504 (Inactive, use MS27499)	Mil-C-38999	II	Receptacle, Box Mounting Flange, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27505	Mil-C-38999	I	Receptacle, Box Mounting Flange, Bayonet Coupling	158	156	187	188	171	172	128 160 176	127 159 177
MS27508	Mil-C-38999	II	Receptacle, Back Panel Box Mounting Flange, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27513	Mil-C-38999	II	Receptacle, Box Mounting Flange, Bayonet Coupling	158	157	187	189	171	172	128 176	127 178
MS27515 (Inactive, use MS27656)	Mil-C-38999	I	Receptacle, Back Panel Wall Mounting Flange, Bayonet Coupling	158	156	187	188	171	172	128 160 176	127 159 177
MS27613	Mil-C-26500	—	Receptacle, Panel Mounting, Firewall Series	131	132	131	132	—	—	154	155
MS27614	Mil-C-26500	—	Receptacle, "D" Hole Mounting, Firewall Series	131	132	131	132	—	—	154	155
MS27615	Mil-C-26500	—	Plug, Firewall Series	131	132	131	132	—	—	154	155

Connector Military P/N	Applicable Mil-Spec	Series /Class	Description	Applicable Contact Specification (M39029/X)											
				Power		Thermocouple		Wire-Wrap		Coaxial					
				Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt				
MS27652 (Inactive, use MS27466)	Mil-C-38999	I	Receptacle, Wall Mounting Flange, Bayonet Coupling	/58	/56	/87	/88	/71	/72	/28	/75	/60	/59	/76	/77
MS27653 (Inactive, use MS27467)	Mil-C-38999	I	Plug, Straight, Bayonet Coupling	/58	/56	/87	/88	/71	/72	/28	/75	/60	/59	/76	/77
MS27654 (Inactive, use MS27656)	Mil-C-38999	I	Receptacle, Back Panel Wall Mounting Flange, Bayonet Coupling	/58	/56	/87	/88	/71	/72	/28	/75	/60	/59	/76	/77
MS27656	Mil-C-38999	I	Receptacle, Back Panel Wall Mounting Flange, Bayonet Coupling	/58	/56	/87	/88	/71	/72	/28	/75	/60	/59	/76	/77
MS27661	Mil-C-38999	I	Plug, Lanyard Release	/58	/56	/87	/88	/71	/72	/28	/75	/60	/59	/76	/77
MS27662	Mil-C-38999	I	Receptacle, Thru-Bulkhead Mounting, Bayonet Coupling	/58	/56	/87	/88	/71	/72	/28	/75	/60	/59	/76	/77
MS27664	Mil-C-38999	II	Receptacle, Back Panel Wall Mounting, Bayonet Coupling	/58	/57	/87	/89	/71	/72	/28	/27	/76	/78		
MS27667	Mil-C-38999	II	Receptacle, Thru-Bulkhead Mounting, Bayonet Coupling	/58	/57	/87	/89	/71	/72	/28	/27	/76	/78		
MS90555	Mil-C-22992	L	Receptacle, Wall Mounting (Power Source)	/48	/49	—	—	—	—	—	—	—	—	—	—
MS90556	Mil-C-22992	L	Plug, Straight	/48	/49	—	—	—	—	—	—	—	—	—	—
MS90557	Mil-C-22992	L	Plug, Cable Connecting (Without Coupling Ring)	/48	/49	—	—	—	—	—	—	—	—	—	—
MS90558	Mil-C-22992	L	Receptacle, Wall Mounting (Equipment Receptacle)	/48	/49	—	—	—	—	—	—	—	—	—	—