

Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILY: AS81714							
M39029/1 -	100	315-1622-500	Pin	16	22	A/B	PWR
M39029/1 -	101	315-1620-501-L	Pin	16	20	A/B	PWR
M39029/1 -	102	315-1416-502	Pin	14	16	A/B	PWR
M39029/1 -	103	315-1212-503	Pin	12	12	A/B	PWR
M39029/1 -	507	315-2022-600	Pin	20	22D	A/B	PWR
MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, MIL-DTL-83723 SERIES I & III, & MIL-DTL-83733							
M39029/4 -	110	315-2020-088-L	Pin	20	20	A/B	PWR
M39029/4 -	111	315-1616-089-L	Pin	16	16	A/B	PWR
M39029/4 -	112	315-1620-123-L	Pin	16	20	A/B	PWR
M39029/4 -	113	315-1212-090-L	Pin	12	12	A/B	PWR
M39029/4 -	114	315-1216-124-L	Pin	12	16	A/B	PWR
MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, MIL-DTL-83723 SERIES I & III, & MIL-DTL-83733							
M39029/5 -	115	316-2020-088-L	Skt	20	20	A/B	PWR
M39029/5 -	116	316-1616-089-L	Skt	16	16	A/B	PWR
M39029/5 -	117	316-1620-123-L	Skt	16	20	A/B	PWR
M39029/5 -	118	316-1212-090-L	Skt	12	12	A/B	PWR
M39029/5 -	119	316-1216-124-L	Skt	12	16	A/B	PWR
MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, MIL-DTL-83723 SERIES I & III, & MIL-DTL-83733							
M39029/9 -	132	615-2020-088D	Pin	20	20	C/B	TC-CU
M39029/9 -	133	015-2020-088K	Pin	20	20	C/B	TC-JN
M39029/9 -	134	015-2020-088A	Pin	20	20	C/B	TC-KN
M39029/9 -	135	015-2020-088C	Pin	20	20	C/B	TC-KP
M39029/9 -	136	415-2020-088I	Pin	20	20	C/B	TC-JP
M39029/9 -	514	615-1616-089D	Pin	16	16	C/B	TC-CU
M39029/9 -	515	015-1616-089K	Pin	16	16	C/B	TC-JN
M39029/9 -	516	015-1616-089A	Pin	16	16	C/B	TC-KN
M39029/9 -	517	015-1616-089C	Pin	16	16	C/B	TC-KP
M39029/9 -	518	415-1616-089I	Pin	16	16	C/B	TC-JP

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, MIL-DTL-83723 SERIES I & III, & MIL-DTL-83733							
M39029/10 -	138	616-2020-088D	Skt	20	20	C/B	TC-CU
M39029/10 -	139	016-2020-088K	Skt	20	20	C/B	TC-JN
M39029/10 -	140	016-2020-088A	Skt	20	20	C/B	TC-KN
M39029/10 -	141	016-2020-088C	Skt	20	20	C/B	TC-KP
M39029/10 -	142	416-2020-088I	Skt	20	20	C/B	TC-JP
M39029/10 -	519	616-1616-089D	Skt	16	16	C/B	TC-CU
M39029/10 -	520	016-1616-089K	Skt	16	16	C/B	TC-JN
M39029/10 -	521	016-1616-089A	Skt	16	16	C/B	TC-KN
M39029/10 -	522	016-1616-089C	Skt	16	16	C/B	TC-KP
M39029/10 -	523	416-1616-089I	Skt	16	16	C/B	TC-JP
CONNECTOR FAMILY: AS81659 SERIES 2							
M39029/11 -	144	315-2222-079-L	Pin	22	22	A/B	PWR
M39029/11 -	145	315-2020-081-L	Pin	20	20	A/B	PWR
M39029/11 -	146	315-1616-076-L	Pin	16	16	A/B	PWR
M39029/11 -	147	315-1212-078-L	Pin	12	12	A/B	PWR
CONNECTOR FAMILY: AS81659 SERIES 2							
M39029/12 -	148	316-2222-079-L	Skt	22	22	A/B	PWR
M39029/12 -	149	316-2020-081-L	Skt	20	20	A/B	PWR
M39029/12 -	150	316-1616-076-L	Skt	16	16	A/B	PWR
M39029/12 -	151	316-1212-078-L	Skt	12	12	A/B	PWR
CONNECTOR FAMILY: MIL-C-81511 SERIES 4							
M39029/16 -	166	Consult Factory	Skt	23	28	A/B	PWR
M39029/16 -	167	316-2322-567	Skt	23	22	A/B	PWR
M39029/16 -	168	316-2020-568	Skt	20	20	A/B	PWR
M39029/16 -	169	316-1616-569	Skt	16	16	A/B	PWR
M39029/16 -	170	Consult Factory	Skt	12	12	A/B	PWR
CONNECTOR FAMILY: MIL-C-81511 SERIES 3							
M39029/17 -	171	Consult Factory	Skt	23	28	A/B	PWR
M39029/17 -	172	316-2322-572	Skt	23	22	A/B	PWR
M39029/17 -	173	316-2020-573	Skt	20	20	A/B	PWR
M39029/17 -	174	316-1616-574	Skt	16	16	A/B	PWR
M39029/17 -	175	Consult Factory	Skt	12	12	A/B	PWR

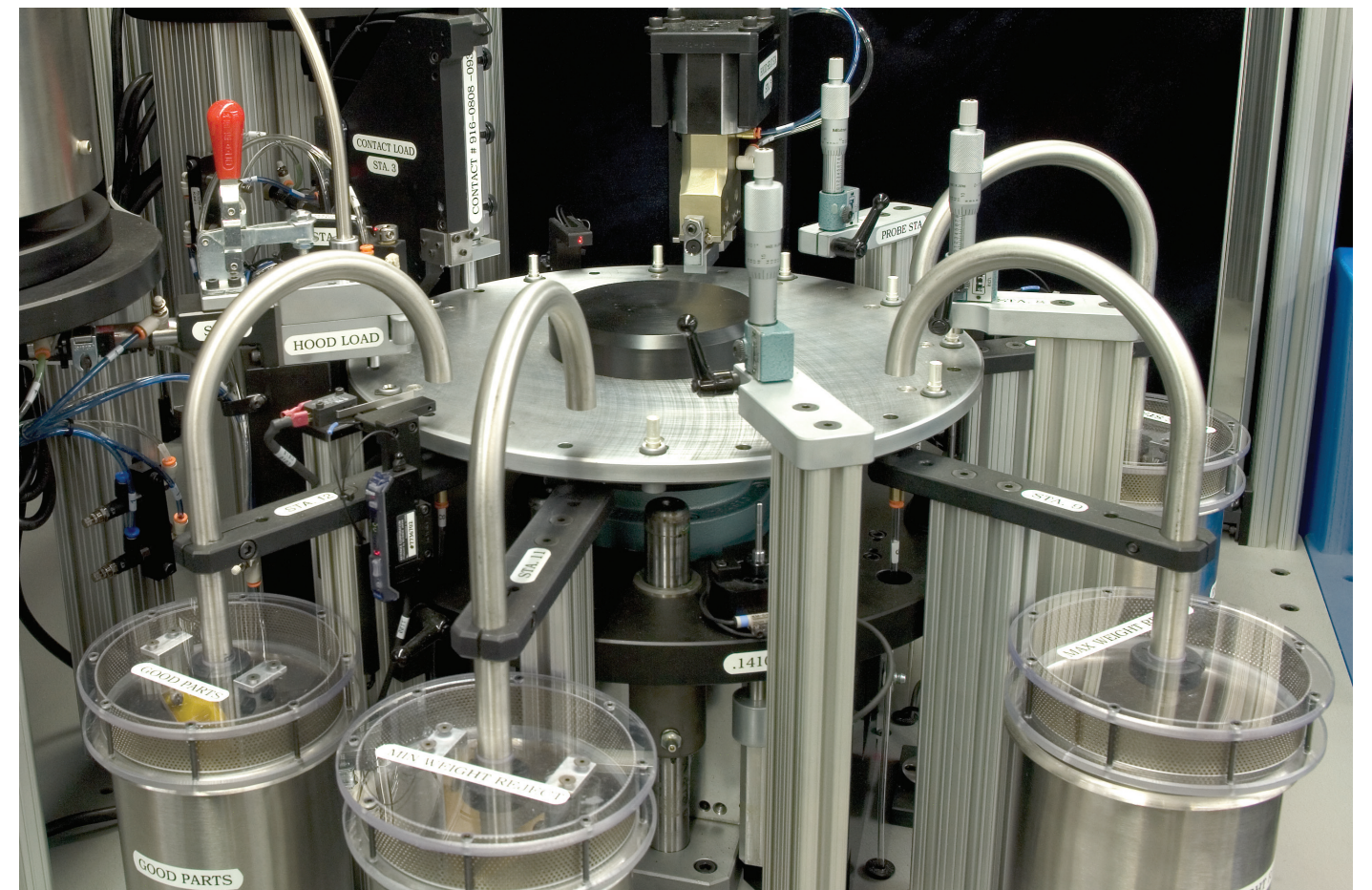


Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-C-81511 SERIES 3 & 4							
M39029/18 -	176	Consult Factory	Pin	23	28	A/B	PWR
M39029/18 -	177	315-2322-567	Pin	23	22	A/B	PWR
M39029/18 -	178	315-2020-568	Pin	20	20	A/B	PWR
M39029/18 -	179	315-1616-569	Pin	16	16	A/B	PWR
M39029/18 -	180	Consult Factory	Pin	12	12	A/B	PWR
CONNECTOR FAMILIES: AS81714 SERIES II & MIL-C-81511 SERIES 3 & 4, CLASS L							
M39029/22 -	190	Consult Factory	Skt	22	28	A/B	PWR
M39029/22 -	191	316-2222-191	Skt	22	22	A/B	PWR
M39029/22 -	192	316-2020-192-L	Skt	20	20	A/B	PWR
M39029/22 -	193	316-1616-193	Skt	16	16	A/B	PWR
M39029/22 -	605	Consult Factory	Skt	12	12	A/B	PWR
CONNECTOR FAMILY: MIL-DTL-26482 SERIES 1							
M39029/25 -	204	Consult Factory	Pin	12	Various*	D/A	CX
M39029/25 -	205	Consult Factory	Pin	12	Various*	D/A	CX
M39029/25 -	206	Consult Factory	Pin	12	Various*	D/A	CX
CONNECTOR FAMILY: MIL-DTL-26482 SERIES 1							
M39029/26 -	207	Consult Factory	Skt	12	Various*	D/A	CX
M39029/26 -	208	Consult Factory	Skt	12	Various*	D/A	CX
M39029/26 -	209	Consult Factory	Skt	12	Various*	D/A	CX
CONNECTOR FAMILY: MIL-DTL-38999 SERIES II							
M39029/27 -	210	316-12CX-550	Skt	12	Various*	D/B	CX
M39029/27 -	402	316-12CX-551	Skt	12	Various*	D/B	CX
M39029/27 -	403	316-12CX-552	Skt	12	Various*	D/B	CX
M39029/27 -	404	316-12CX-553	Skt	12	Various*	D/B	CX
M39029/27 -	405	316-12CX-554	Skt	12	Various*	D/B	CX
M39029/27 -	406	316-12CX-555	Skt	12	Various*	D/B	CX
M39029/27 -	407	316-12CX-556	Skt	12	Various*	D/B	CX
M39029/27 -	408	316-12CX-557	Skt	12	Various*	D/B	CX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, II, III & IV							
M39029/28 -	211	315-12CX-550	Pin	12	Various*	D/B	CX
M39029/28 -	409	315-12CX-551	Pin	12	Various*	D/B	CX
M39029/28 -	410	315-12CX-552	Pin	12	Various*	D/B	CX
M39029/28 -	411	315-12CX-553	Pin	12	Various*	D/B	CX
M39029/28 -	412	315-12CX-554	Pin	12	Various*	D/B	CX
M39029/28 -	413	315-12CX-555	Pin	12	Various*	D/B	CX
M39029/28 -	414	315-12CX-556	Pin	12	Various*	D/B	CX
M39029/28 -	415	315-12CX-557	Pin	12	Various*	D/B	CX

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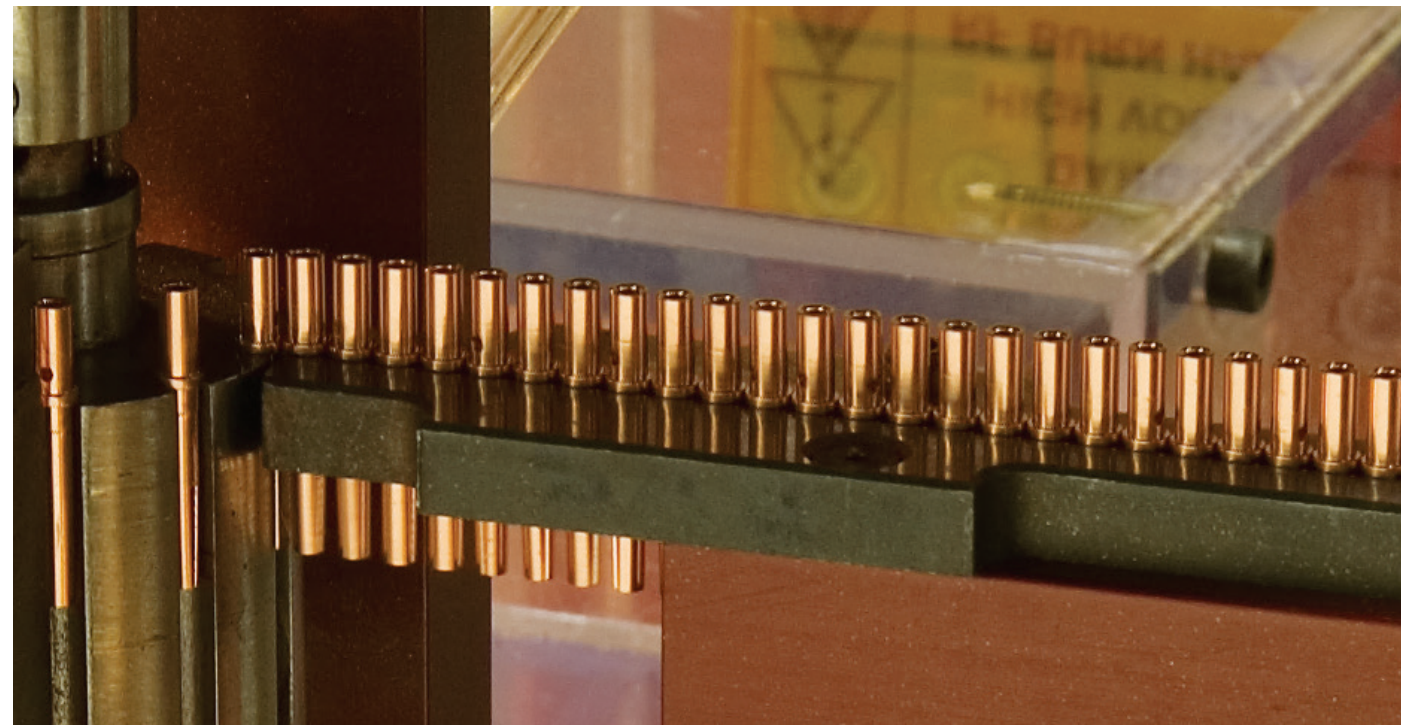
Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: AS50151 SERIES AS34501 & MIL-DTL-83723 SERIES 2							
M39029/29 -	212	315-1616-091-L	Pin	16	16	A/B	PWR
M39029/29 -	213	915-1212-092	Pin	12	12	A/B	PWR
M39029/29 -	214	915-0808-093	Pin	8	8	A/B	PWR
M39029/29 -	215	915-0404-094	Pin	4	4	A/B	PWR
M39029/29 -	216	915-0000-095	Pin	0	0	A/B	PWR
CONNECTOR FAMILIES: AS50151 SERIES AS34501 & MIL-DTL-83723 SERIES 2							
M39029/30 -	217	316-1616-117-L	Skt	16S	16	A/B	PWR
M39029/30 -	218	316-1616-091-L	Skt	16	16	A/B	PWR
M39029/30 -	219	916-1212-092	Skt	12	12	A/B	PWR
M39029/30 -	220	916-0808-093	Skt	8	8	A/B	PWR
M39029/30 -	221	916-0404-094	Skt	4	4	A/B	PWR
M39029/30 -	222	916-0000-095	Skt	0	0	A/B	PWR



Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-26482 SERIES 1, MIL-DTL-26500 & MIL-DTL-26518							
M39029/31 -	223	317-2020-001-L	Pin	20	20	A/A	PWR
M39029/31 -	224	415-2020-001I	Pin	20	20	C/A	TC-JP
M39029/31 -	225	015-2020-001C	Pin	20	20	C/A	TC-KP
M39029/31 -	226	015-2020-001A	Pin	20	20	C/A	TC-KN
M39029/31 -	227	015-2020-001K	Pin	20	20	C/A	TC-JN
M39029/31 -	228	317-1616-086-L	Pin	16	16	A/A	PWR
M39029/31 -	229	315-1616-086-L	Pin	16	16	A/B	PWR
M39029/31 -	230	415-1616-086I	Pin	16	16	C/A	TC-JP
M39029/31 -	231	015-1616-086C	Pin	16	16	C/A	TC-KP
M39029/31 -	232	015-1616-086A	Pin	16	16	C/A	TC-KN
M39029/31 -	233	015-1616-086K	Pin	16	16	C/A	TC-JN
M39029/31 -	234	317-1212-087-L	Pin	12	12	A/A	PWR
M39029/31 -	235	315-1212-087-L	Pin	12	12	A/B	PWR
M39029/31 -	236	415-1212-087I	Pin	12	12	C/A	TC-JP
M39029/31 -	237	015-1212-087C	Pin	12	12	C/A	TC-KP
M39029/31 -	238	015-1212-087A	Pin	12	12	C/A	TC-KN
M39029/31 -	239	015-1212-087K	Pin	12	12	C/A	TC-JN
M39029/31 -	240	317-2020-085-L	Pin	20	20	A/A	PWR
M39029/31 -	241*	315-2020-085-L	Pin	20	20	A/B	PWR
M39029/31 -	448	317-2020-084-L	Pin	20	20	A/B	PWR
M39029/31 -	627	315-2020-A3085-L	Pin	20	20	A/B	PWR

*Superseded by M39029/31-627



Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-26482 SERIES 1, MIL-DTL-26500 & MIL-DTL-26518							
M39029/32 -	242	318-2020-001-L	Skt	20	20	A/A	PWR
M39029/32 -	243	416-2020-001I	Skt	20	20	C/A	TC-JP
M39029/32 -	244	016-2020-001C	Skt	20	20	C/A	TC-KP
M39029/32 -	245	016-2020-001A	Skt	20	20	C/A	TC-KN
M39029/32 -	246	016-2020-001K	Skt	20	20	C/A	TC-JN
M39029/32 -	247	318-1616-086-L	Skt	16	16	A/A	PWR
M39029/32 -	248	316-1616-086-L	Skt	16	16	A/B	PWR
M39029/32 -	249	416-1616-086I	Skt	16	16	C/A	TC-JP
M39029/32 -	250	016-1616-086C	Skt	16	16	C/A	TC-KP
M39029/32 -	251	016-1616-086A	Skt	16	16	C/A	TC-KN
M39029/32 -	252	016-1616-086K	Skt	16	16	C/A	TC-JN
M39029/32 -	253	318-1212-087-L	Skt	12	12	A/A	PWR
M39029/32 -	254	316-1212-087-L	Skt	12	12	A/B	PWR
M39029/32 -	255	416-1212-087I	Skt	12	12	C/A	TC-JP
M39029/32 -	256	016-1212-087C	Skt	12	12	C/A	TC-KP
M39029/32 -	257	016-1212-087A	Skt	12	12	C/A	TC-KN
M39029/32 -	258	016-1212-087K	Skt	12	12	C/A	TC-JN
M39029/32 -	259	318-2020-085-L	Skt	20	20	A/A	PWR
M39029/32 -	260	316-2020-085-L	Skt	20	20	A/B	PWR
M39029/32 -	449	318-2020-084-L	Skt	20	20	A/B	PWR
CONNECTOR FAMILY: MIL-C-81511 SERIES 1							
M39029/33 -	262	316-2328-513	Skt	23	28	A/B	PWR
M39029/33 -	264	316-2322-514-L	Skt	23	22	A/B	PWR
M39029/33 -	266	316-2020-515-L	Skt	20	20	A/B	PWR
M39029/33 -	268	Consult Factory	Skt	16	16	A/B	PWR
M39029/33 -	270	Consult Factory	Skt	12	12	A/B	PWR
CONNECTOR FAMILIES: MIL-DTL-28748/3 & MIL-DTL-28748/13							
M39029/34 -	271	Consult Factory	Pin	20	20	A/A	PWR
M39029/34 -	272	315-1620-519-L	Pin	16	20	A/A	PWR
M39029/34 -	273	315-1616-520-L	Pin	16	16	A/A	PWR
M39029/34 -	440	Consult Factory	Pin	22	22	A/A	PWR
CONNECTOR FAMILIES: MIL-DTL-28748/3 & MIL-DTL 28748/13							
M39029/35 -	274	Consult Factory	Skt	20	20	A/A	PWR
M39029/35 -	275	316-1620-519-L	Skt	16	20	A/A	PWR
M39029/35 -	276	316-1616-520-L	Skt	16	16	A/A	PWR
M39029/35 -	441	Consult Factory	Skt	22	22	A/A	PWR

Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILY: MIL-DTL-28748/9							
M39029/36 -	277	315-1620-521-L	Pin	16	20	A/A	PWR
M39029/36 -	278	315-1616-522-L	Pin	16	16	A/A	PWR
CONNECTOR FAMILY: MIL-DTL-28748/10							
M39029/37 -	279	316-1620-521-L	Skt	16	20	A/A	PWR
M39029/37 -	280	316-1616-522-L	Skt	16	16	A/A	PWR
CONNECTOR FAMILY: AS50151 SERIES AS34001							
M39029/44 -	287	315-1622-097-L	Pin	16	22	A/B	PWR
M39029/44 -	288	315-1616-096-L	Pin	16	16	A/B	PWR
M39029/44 -	289	915-1216-125	Pin	12	16	A/B	PWR
M39029/44 -	290	915-1212-098	Pin	12	12	A/B	PWR
M39029/44 -	291	915-0808-099	Pin	8	8	A/B	PWR
M39029/44 -	292	915-0404-100	Pin	4	4	A/B	PWR
M39029/44 -	293	915-0000-101	Pin	0	0	A/B	PWR
CONNECTOR FAMILY: AS50151 SERIES AS34001							
M39029/45 -	294	316-1622-097-L	Skt	16	22	A/B	PWR
M39029/45 -	295	316-1616-096-L	Skt	16	16	A/B	PWR
M39029/45 -	296	916-1216-125	Skt	12	16	A/B	PWR
M39029/45 -	297	916-1212-098	Skt	12	12	A/B	PWR
M39029/45 -	298	916-0808-099	Skt	8	8	A/B	PWR
M39029/45 -	299	916-0404-100	Skt	4	4	A/B	PWR
M39029/45 -	300	916-0000-101	Skt	0	0	A/B	PWR
CONNECTOR FAMILY: MIL-C-81511 SERIES 2							
M39029/46 -	302	316-2328-561	Skt	23	28	A/B	PWR
M39029/46 -	304	316-2322-562	Skt	23	22	A/B	PWR
M39029/46 -	306	Consult Factory	Skt	20	20	A/B	PWR
M39029/46 -	308	Consult Factory	Skt	16	16	A/B	PWR
M39029/46 -	310	Consult Factory	Skt	12	12	A/B	PWR
CONNECTOR FAMILIES: MIL-C-81511 SERIES 1 & 2							
M39029/47 -	312	315-2328-561	Pin	23	28	A/B	PWR
M39029/47 -	314	315-2322-562	Pin	23	22	A/B	PWR
M39029/47 -	316	Consult Factory	Pin	20	20	A/B	PWR
M39029/47 -	337	Consult Factory	Pin	16	16	A/B	PWR
M39029/47 -	339	Consult Factory	Pin	12	12	A/B	PWR

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILY: MIL-DTL-22992 CLASS L							
M39029/48 -	317	Consult Factory	Pin	6	6	A/A	PWR
M39029/48 -	318	Consult Factory	Pin	6N	6	A/A	PWR
M39029/48 -	319	Consult Factory	Pin	6G	6	A/A	PWR
M39029/48 -	320	Consult Factory	Pin	4	4	A/A	PWR
M39029/48 -	321	Consult Factory	Pin	4N	4	A/A	PWR
M39029/48 -	322	Consult Factory	Pin	4G	4	A/A	PWR
M39029/48 -	323	Consult Factory	Pin	1/0	1	A/A	PWR
M39029/48 -	324	Consult Factory	Pin	1/0N	1	A/A	PWR
M39029/48 -	325	Consult Factory	Pin	2/0	2/0	A/A	PWR
M39029/48 -	326	Consult Factory	Pin	2/0N	2/0	A/A	PWR
M39029/48 -	327	Consult Factory	Pin	4/0	4/0	A/A	PWR
M39029/48 -	328	Consult Factory	Pin	4/0N	4/0	A/A	PWR
CONNECTOR FAMILY: MIL-DTL-22992 CLASS L							
M39029/49 -	329	Consult Factory	Skt	6	6	A/A	PWR
M39029/49 -	330	Consult Factory	Skt	6G	6	A/A	PWR
M39029/49 -	331	Consult Factory	Skt	4	4	A/A	PWR
M39029/49 -	332	Consult Factory	Skt	4G	4	A/A	PWR
M39029/49 -	333	Consult Factory	Skt	1/0	1	A/A	PWR
M39029/49 -	334	Consult Factory	Skt	2/0	2/0	A/A	PWR
M39029/49 -	335	Consult Factory	Skt	4/0	4/0	A/A	PWR
CONNECTOR FAMILIES: MIL-DTL-26500 & MIL-DTL-26518							
M39029/55 -	344	Consult Factory	Skt	12	Various*	D/A	CX
M39029/55 -	345	316-08CX-548	Skt	8	Various*	D/A	CX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/56 -	348	316-2222-136-L	Skt	22	22D	A/B	PWR
M39029/56 -	349	316-2222-137-L	Skt	22	22M	A/B	PWR
M39029/56 -	350	316-2222-138-L	Skt	22	22	A/B	PWR
M39029/56 -	351	316-2020-139-L	Skt	20	20	A/B	PWR
M39029/56 -	352	316-1616-140-L	Skt	16	16	A/B	PWR
M39029/56 -	353	316-1212-141-L	Skt	12	12	A/B	PWR
M39029/56 -	527	316-1010-231-L	Skt	10	10	A/B	PWR

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Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-24308; MIL-DTL-55302/68, /71, /72, /75, MIL-DTL-38999 SERIES II & MIL-DTL-83733							
M39029/57 -	354	316-2222-103-L	Skt	22	22D	A/B	PWR
M39029/57 -	3551	316-2222-104	Skt	22	22M	A/B	PWR
M39029/57 -	3561	316-2222-105-L	Skt	22	22	A/B	PWR
M39029/57 -	3572	316-2020-106-L	Skt	20	20	A/B	PWR
M39029/57 -	3581	316-1616-107-L	Skt	16	16	A/B	PWR
M39029/57 -	3591	316-1212-108-L	Skt	12	12	A/B	PWR
CONNECTOR FAMILIES: MIL-DTL-24308, MIL-DTL-55302/69; MIL-DTL-38999 SERIES I, II, III & IV & MIL-DTL-83733							
M39029/58 -	3601	315-2222-103-L	Pin	22	22D	A/B	PWR
M39029/58 -	3611	315-2222-104-L	Pin	22	22M	A/B	PWR
M39029/58 -	3621	315-2222-105-L	Pin	22	22	A/B	PWR
M39029/58 -	3632	315-2020-106-L	Pin	20	20	A/B	PWR
M39029/58 -	3641	315-1616-107-L	Pin	16	16	A/B	PWR
M39029/58 -	3651	315-1212-108-L	Pin	12	12	A/B	PWR
M39029/58 -	5281	315-1010-231	Pin	10	10	A/B	PWR

NOTE: Not for use with MIL-C-83733, MIL-C-24308 or MIL-C-55302 Connectors
 NOTE: Not for use with MIL-C-83733 or MIL-C-24308 Connectors

CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/59 -	366	316-08CX-547	Skt	8	Various*	D/B	CX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/60 -	367	315-08CX-547	Pin	8	Various*	D/B	CX
CONNECTOR FAMILY: MIL-DTL-24308							
M39029/63 -	368	318-2020-055-L	Skt	20	20	A/A	PWR
CONNECTOR FAMILY: MIL-DTL-24308							
M39029/64 -	369	317-2020-055-L	Pin	20	20	A/A	PWR
CONNECTOR FAMILY: AS85028							
M39029/69 -	384	Consult Factory	Skt	16	24	A/A	PWR
M39029/69 -	385	316-1620-602	Skt	16	20	A/A	PWR
M39029/69 -	386	316-1616-602	Skt	16	16	A/A	PWR
CONNECTOR FAMILY: AS85028							
M39029/70 -	387	Consult Factory	Pin	16	24	A/A	PWR
M39029/70 -	388	315-1620-602	Pin	16	20	A/A	PWR
M39029/70 -	389	315-1616-602	Pin	16	16	A/A	PWR

*Consult MIL-SPEC or CarlsleIT / Tri-Star for cable information

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-24308; MIL-DTL-55302/69, MIL-DTL-38999 SERIES I, II, III & IV, & MIL-DTL-83733							
M39029/71 -	390	315-22WW-912	Pin	22	WW	A/B	PWR
M39029/71 -	391	315-22WW-103	Pin	22	WW	A/B	PWR
M39029/71 -	392	315-22WW-127	Pin	22	WW	A/B	PWR
CONNECTOR FAMILIES: MIL-DTL-24308, MIL-DTL-55302/68, /71, /75, & MIL-DTL-38999 SERIES I, II, III & IV							
M39029/72 -	393	316-22WW-912	Skt	22	WW	A/A	PWR
M39029/72 -	394	316-22WW-103	Skt	22	WW	A/A	PWR
M39029/72 -	395	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
CONNECTOR FAMILIES: MIL-DTL-26482 SERIES 2, MIL-DTL-83723 SERIES III; MIL-DTL-83733, & MIL-DTL-83527							
M39029/73 -	396	Consult Factory	Skt	12	Various*	D/A	CX
M39029/73 -	397	316-12CX-610	Skt	12	Various*	D/A	CX
M39029/73 -	398	316-12CX-611	Skt	12	Various*	D/A	CX
M39029/73 -	5551	Consult Factory	Skt	12	Various*	D/A	CX
CONNECTOR FAMILIES: MIL-DTL-26482 SERIES 2, MIL-DTL-83723 SERIES III, MIL-DTL-83733 & MIL-DTL-83527							
M39029/74 -	399	Consult Factory	Pin	12	Various*	D/A	CX
M39029/74 -	400	315-12CX-610	Pin	12	Various*	D/A	CX
M39029/74 -	401	315-12CX-611	Pin	12	Various*	D/A	CX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/75 -	416	316-12CX-616	Skt	12	Various*	D/B	CX
M39029/75 -	417	316-12CX-617	Skt	12	Various*	D/B	CX
M39029/75 -	418	316-12CX-618	Skt	12	Various*	D/B	CX
M39029/75 -	419	316-12CX-619	Skt	12	Various*	D/B	CX
M39029/75 -	420	316-12CX-620	Skt	12	Various*	D/B	CX
M39029/75 -	421	316-12CX-621	Skt	12	Various*	D/B	CX
M39029/75 -	422	316-12CX-622	Skt	12	Various*	D/B	CX
M39029/75 -	423	316-12CX-623	Skt	12	Various*	D/B	CX

NOTE: For use with DOD-C-83527 Connectors

CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, II, III & IV							
M39029/76 -	424	315-16CX-624	Pin	16	Various*	D/B	CX
M39029/76 -	425	315-16CX-625	Pin	16	Various*	D/B	CX
M39029/76 -	426	315-16CX-626	Pin	16	Various*	D/B	CX
M39029/76 -	427	315-16CX-627	Pin	16	Various*	D/B	CX

*Consult MIL-SPEC or CarlsleIT / Tri-Star for cable information

Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/77 -	428	316-16CX-628	Skt	16	Various*	D/B	CX
M39029/77 -	429	316-16CX-629	Skt	16	Various*	D/B	CX
M39029/77 -	430	316-16CX-630	Skt	16	Various*	D/B	CX
M39029/77 -	431	316-16CX-631	Skt	16	Various*	D/B	CX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES II							
M39029/78 -	432	316-16CX-624	Skt	16	Various*	D/B	CX
M39029/78 -	433	316-16CX-625	Skt	16	Various*	D/B	CX
M39029/78 -	434	316-16CX-626	Skt	16	Various*	D/B	CX
M39029/78 -	435	316-16CX-627	Skt	16	Various*	D/B	CX
CONNECTOR FAMILY: MIL-DTL-28748/9							
M39029/79 -	436	315-16CX-612	Pin	16	Various*	D/A	CX
M39029/79 -	437	315-16CX-613	Pin	16	Various*	D/A	CX
CONNECTOR FAMILY: MIL-DTL-28748/10							
M39029/80 -	438	316-16CX-612	Skt	16	Various*	D/A	CX
M39029/80 -	439	316-16CX-613	Skt	16	Various*	D/A	CX
CONNECTOR FAMILY: MIL-DTL-28840							
M39029/83 -	450	315-2022-915-L	Pin	20	22	A/B	PWR
M39029/83 -	451	315-2028-915-L	Pin	20	28	A/B	PWR
M39029/83 -	508	315-2020-915-L	Pin	20	20	A/B	PWR
CONNECTOR FAMILY: MIL-DTL-28840							
M39029/84 -	452	316-2022-915-L	Skt	20	22	A/B	PWR
M39029/84 -	453	316-2028-915-L	Skt	20	28	A/B	PWR
M39029/84 -	509	316-2020-915-L	Skt	20	20	A/B	PWR
CONNECTOR FAMILIES: AS50151 SERIES AS34501 & MIL-DTL-83723 SERIES II							
M39029/85 -	454	015-1616-091K	Pin	16	16	C/B	TC-JN
M39029/85 -	455	015-1616-091A	Pin	16	16	C/B	TC-KN
M39029/85 -	456	015-1616-091C	Pin	16	16	C/B	TC-KP
M39029/85 -	457	415-1616-091I	Pin	16	16	C/B	TC-JP
M39029/85 -	458	015-1212-092K	Pin	12	12	C/B	TC-JN
M39029/85 -	459	015-1212-092A	Pin	12	12	C/B	TC-KN
M39029/85 -	460	015-1212-092C	Pin	12	12	C/B	TC-KP
M39029/85 -	461	415-1212-092I	Pin	12	12	C/B	TC-JP

*Consult MIL-SPEC or Carlsleit / Tri-Star for cable information

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: AS50151 SERIES AS34501 & MIL-DTL-83723 SERIES II							
M39029/86 -	462	016-1616-091K	Skt	16	16	C/B	TC-JN
M39029/86 -	463	016-1616-091A	Skt	16	16	C/B	TC-KN
M39029/86 -	464	016-1616-091C	Skt	16	16	C/B	TC-KP
M39029/86 -	465	416-1616-091I	Skt	16	16	C/B	TC-JP
M39029/86 -	466	016-1212-092K	Skt	12	12	C/B	TC-JN
M39029/86 -	467	016-1212-092A	Skt	12	12	C/B	TC-KN
M39029/86 -	468	016-1212-092C	Skt	12	12	C/B	TC-KP
M39029/86 -	469	416-1212-092I	Skt	12	12	C/B	TC-JP
M39029/86 -	510	016-1616-117K	Skt	16S	16	C/B	TC-JN
M39029/86 -	511	016-1616-117A	Skt	16S	16	C/B	TC-KN
M39029/86 -	512	016-1616-117C	Skt	16S	16	C/B	TC-KP
M39029/86 -	513	416-1616-117I	Skt	16S	16	C/B	TC-JP
CONNECTOR FAMILIES: MIL-DTL-24308, MIL-DTL-38999 SERIES I, II, III & IV, & MIL-DTL-83733							
M39029/87 -	470	015-2222-103K	Pin	22	22D	C/B	TC-JN
M39029/87 -	471	015-2222-103A	Pin	22	22D	C/B	TC-KN
M39029/87 -	472	015-2222-103C	Pin	22	22D	C/B	TC-KP
M39029/87 -	473	415-2222-103I	Pin	22	22D	C/B	TC-JP
M39029/87 -	4741	015-2020-106K	Pin	20	20	C/B	TC-JN
M39029/87 -	4751	015-2020-106A	Pin	20	20	C/B	TC-KN
M39029/87 -	4761	015-2020-106C	Pin	20	20	C/B	TC-KP
M39029/87 -	4771	415-2020-106I	Pin	20	20	C/B	TC-JP
M39029/87 -	4781	015-1616-107K	Pin	16	16	C/B	TC-JN
M39029/87 -	4791	015-1616-107A	Pin	16	16	C/B	TC-KN
M39029/87 -	4801	015-1616-107C	Pin	16	16	C/B	TC-KP
M39029/87 -	4811	415-1616-107I	Pin	16	16	C/B	TC-JP

NOTE: Not for use with MIL-C-83733 or MIL-C-24308 Connectors

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/88 -	482	016-2222-136K	Skt	22	22D	C/B	TC-JN
M39029/88 -	483	016-2222-136A	Skt	22	22D	C/B	TC-KN
M39029/88 -	484	016-2222-136C	Skt	22	22D	C/B	TC-KP
M39029/88 -	485	416-2222-136I	Skt	22	22D	C/B	TC-JP
M39029/88 -	486	016-2020-139K	Skt	20	20	C/B	TC-JN
M39029/88 -	487	016-2020-139A	Skt	20	20	C/B	TC-KN
M39029/88 -	488	016-2020-139C	Skt	20	20	C/B	TC-KP
M39029/88 -	489	416-2020-139I	Skt	20	20	C/B	TC-JP
M39029/88 -	490	016-1616-140K	Skt	16	16	C/B	TC-JN
M39029/88 -	491	016-1616-140A	Skt	16	16	C/B	TC-KN
M39029/88 -	492	016-1616-140C	Skt	16	16	C/B	TC-KP
M39029/88 -	493	416-1616-140I	Skt	16	16	C/B	TC-JP

Contacts Per AS39029

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES II, MIL-DTL-83733 & MIL-DTL-24308							
M39029/89 -	494	016-2222-103K	Skt	22	22D	C/B	TC-JN
M39029/89 -	495	016-2222-103A	Skt	22	22D	C/B	TC-KN
M39029/89 -	496	016-2222-103C	Skt	22	22D	C/B	TC-KP
M39029/89 -	497	416-2222-103I	Skt	22	22D	C/B	TC-JP
M39029/89 -	4981	016-2020-106K	Skt	20	20	C/B	TC-JN
M39029/89 -	4991	016-2020-106A	Skt	20	20	C/B	TC-KN
M39029/89 -	5001	016-2020-106C	Skt	20	20	C/B	TC-KP
M39029/89 -	5011	416-2020-106I	Skt	20	20	C/B	TC-JP
M39029/89 -	5021	016-1616-107K	Skt	16	16	C/B	TC-JN
M39029/89 -	5031	016-1616-107A	Skt	16	16	C/B	TC-KN
M39029/89 -	5041	016-1616-107C	Skt	16	16	C/B	TC-KP
M39029/89 -	5051	416-1616-107I	Skt	16	16	C/B	TC-JP

NOTE: Not for use with MIL-C-83733 or MIL-C-24308 Connectors

CONNECTOR FAMILY: MIL-DTL-38999 SERIES III							
M39029/90 -	529	315-08CX-232	Pin	8	Various*	D/B	CX
CONNECTOR FAMILY: MIL-DTL-38999 SERIES III							
M39029/91 -	530	316-08CX-232-1	Skt	8	Various*	D/B	CX
CONNECTOR FAMILIES: MIL-PRF-6106, MIL-DTL-12883/40 & /41 RELAY SOCKETS							
M39029/92 -	531	Consult Factory	Skt	22	22	A/A	PWR
M39029/92 -	532	316-2020-634	Skt	20	20	A/A	PWR
M39029/92 -	533	316-1616-634-L	Skt	16	16	A/A	PWR
M39029/92 -	534	316-1620-634-L	Skt	16	20	A/A	PWR
M39029/92 -	535	316-1212-634-L	Skt	12	12	A/A	PWR
M39029/92 -	536	316-1216-634-L	Skt	12	16	A/A	PWR
CONNECTOR FAMILY: MIL-DTL-83527							
M39029/93 -	597	315-2222-306	Pin	22	22	A/B	PWR
M39029/93 -	598	315-2020-306	Pin	20	20	A/B	PWR
M39029/93 -	539	315-1616-306-L	Pin	16	16	A/B	PWR
M39029/93 -	540	315-1212-306	Pin	12	12	A/B	PWR
CONNECTOR FAMILY: MIL-DTL-83527							
M39029/94 -	601	316-2222-306	Skt	22	22	A/B	PWR
M39029/94 -	602	316-2020-306	Skt	20	20	A/B	PWR
M39029/94 -	603	316-1616-306-L	Skt	16	16	A/B	PWR
M39029/94 -	604	316-1212-306	Skt	12	12	A/B	PWR

*Consult MIL-SPEC or CarlisleIT / Tri-Star for cable information

Spec/Sheet Number	Bin Code	Tri-Star Part Number	Style	Contact Size	Wire Barrel Size	Type/Class	Application
CONNECTOR FAMILIES: MIL-DTL-12883/44, /45 & /46, & MIL-PRF-6106/23 RELAY							
M39029/101 -	551	316-2228-194	Skt	22	28	A/A	PWR
M39029/101 -	552	316-2222-194	Skt	22	22	A/A	PWR
M39029/101 -	553	316-2020-194-L	Skt	20	20	A/A	PWR
M39029/101 -	554	316-1616-194	Skt	16	16	A/A	PWR
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, II, III & IV							
M39029/102 -	558	315-12CX-950	Pin	12	Various*	D/B	CX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/103 -	559	316-12CX-950	Skt	12	Various*	D/B	CX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III, & IV, MIL-DTL-55302 & AS29600 SERIES A							
M39029/106 -	614	L16-2222-136	Skt	22	22D	A/B	PWR
M39029/106 -	615	L16-2020-139	Skt	20	20	A/B	PWR
M39029/106 -	616	L16-1616-140	Skt	16	16	A/B	PWR
M39029/106 -	617	L16-1212-141	Skt	12	12	A/B	PWR
M39029/106 -	618	L16-1010-231	Skt	10	10	A/B	PWR
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III, & IV, MIL-DTL-55302 & AS29600 SERIES A							
M39029/107 -	620	L15-2222-103	Pin	22	22D	A/B	PWR
M39029/107 -	621	L15-2020-104	Pin	20	20	A/B	PWR
M39029/107 -	622	L15-1616-107	Pin	16	16	A/B	PWR
M39029/107 -	623	L15-1212-108	Pin	12	12	A/B	PWR
M39029/107 -	624	L15-1010-231	Pin	10	10	A/B	PWR
CONNECTOR FAMILIES: CONTACT BUSHING, WIRE CRIMP BARREL REDUCER							
M39029/112	8-10	900062-8-10	N/A	8	10	N/A	N/A
M39029/112	4-6	900062-4-6	N/A	4	6	N/A	N/A
M39029/112	0-2	900062-0-2	N/A	1/0	2	N/A	N/A
M39029/112	4-6L	900062-4-6L	N/A	4	6	N/A	N/A
M39029/112	1-2L	900062-1-2L	N/A	1	2	N/A	N/A
M39029/112	4-5L	900062-4-5L	N/A	4	5	N/A	N/A
M39029/112	6-8L	900062-6-8L	N/A	6	8	N/A	N/A
M39029/112	6-9L	900062-6-9L	N/A	6	9	N/A	N/A
M39029/112	1-6L	900062-1-6L	N/A	1	6	N/A	N/A
M39029/112	4/0-2/0L	900062-4/0-2/0L	N/A	4/0	2/0	N/A	N/A
M39029/112	4-8L	900062-4-8L	N/A	4	8	N/A	N/A
M39029/112	6-10L	900062-6-10L	N/A	6	10	N/A	N/A
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/113 -	625	315-08TX-A0136	Pin	8	Various*	D/B	TX
CONNECTOR FAMILIES: MIL-DTL-38999 SERIES I, III & IV							
M39029/84 -	452	316-2022-915-L	Skt	20	22	A/B	PWR

Soon to be released: M39029/117, M39029/118, M39029/121 & M39029/123 — Consult CarlisleIT / Tri-Star for more information.

*Consult MIL-SPEC or CarlisleIT / Tri-Star for cable information

Selection Guide by Connector Military Specification

How to Use This Cross-Reference Selection Guide

To find the appropriate contact for any connector covered by the military specifications listed herein:

- Locate the pertinent MIL-SPEC and Series, Class, or /#
- The remaining columns will refer you to the proper M39029/X Section(s) for the correct power, thermocouple, and 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-DTL-5015	AS3400	/44	/45	-	-	-	-	-	-
	AS3450	/29	/30	/85	/86	-	-	-	-
MIL-DTL-22992	L	/48	/49	-	-	-	-	-	-
MIL-DTL-24308	-	/58	/57	/87	/89	/71	/72	/65	/66
		/64	/63	-	-	-	-	/68	/67
		-	-	-	-	-	-	/76	/78
MIL-DTL-26482	I	/31	/32	/31	/32	-	-	/23	/24
		-	-	-	-	-	-	/25	/26
	II	/4	/5	/9	/10	-	-	/7	/8
		-	-	-	-	-	-	/74	/73
MIL-DTL-26500	-	/31	/32	/31	/32	-	-	/54	/55
MIL-DTL-26518	-	/31	/32	/31	/32	-	-	/54	/55
MIL-DTL-28748	-	/3	/34	-	-	-	-	/40	-
		/4	-	/35	-	-	-	/43	-
		/9	/36	-	-	-	-	-	/41
		/10	-	/37	-	-	-	/43	/42
		/13	/34	-	-	-	-	/79	/80
MIL-DTL-28840	-	/14	-	/35	-	-	-	-	-
		/83	/84	-	-	-	-	/104	/105
MIL-DTL-38999	I	/58	/56	/87	/88	/71	/72	/28	/75
		-	-	-	-	-	-	/60	/59
		-	-	-	-	-	-	/76	/77
		-	-	-	-	-	-	/102	/103
		-	-	-	-	-	-	/113	/114
	II	/58	/57	/87	/89	/71	/72	/28	/27
		-	-	-	-	-	-	/76	/78
		-	-	-	-	-	-	/102	-
	III	/58	/56	/87	/88	/71	/72	/28	/75
		-	-	-	-	-	-	/60	/59
		/107	/106	-	-	-	-	/76	/77
		-	-	-	-	-	-	/90	/91
		-	-	-	-	-	-	/102	/103
		-	-	-	-	-	-	/113	/114

Connector MIL-SPEC	Series Class Or /#	Power		Thermocouple		Wire-Wrap		Coaxial		
		Pin	Skt	Pin	Skt	Pin	Skt	Pin	Skt	
MIL-DTL-38999	IV	/58	/56	/87	/88	/71	/72	/28	/75	
		-	-	-	-	-	-	/60	/59	
		-	-	-	-	-	-	/76	/77	
		-	-	-	-	-	-	/102	/103	
MIL-DTL-55302	-	-	-	-	-	-	-	/113	/114	
		/68	-	/57	-	-	-	/72	-	
		/69	/58	-	-	-	/71	-	-	
		/71	-	/57	-	-	-	/72	-	
MIL-C-81511	III	/72	-	/57	-	-	-	-	-	
		/75	-	/57	-	-	-	/72	-	
		I	/47	/33	-	-	-	-	/6	/13
		II	/47	/46	-	-	-	-	/6	/14
AS81659	IV	/18	/17	-	-	-	-	/19	/21	
		-	/22	-	-	-	-	-	-	
		/17	/16	-	-	-	-	/19	/21	
		-	/22	-	-	-	-	-	-	
AS81703	II	/2	/3	-	-	-	-	-	-	
		/11	/12	-	-	-	-	-	-	
MIL-DTL-83527	III	/31	/32	/31	/32	-	-	-	-	
		/4	/5	/9	/10	-	-	/7	/8	
MIL-DTL-83723	-	-	-	-	-	-	-	/74	/73	
		-	-	-	-	-	-	/96	/95	
		-	-	-	-	-	-	/97	/98	
		-	-	-	-	-	-	/99	/100	
MIL-DTL-83733	I	/4	/5	/9	/10	/71	/72	/7	/8	
		-	-	-	-	-	-	/74	/73	
		II	/29	/30	/85	/86	-	-	-	-
AS85028	AS	/4	/5	/9	/10	-	-	/7	/8	
		-	-	-	-	-	-	/74	/73	
		-	-	-	-	-	-	-	-	
Mil-S-12883	-	/58	/57	/87	/86	-	-	/50	/51	
		-	-	-	-	-	-	/74	/73	
		/70	/69	-	-	-	-	-	-	
		/40	-	/92	-	-	-	-	-	
AS81714	-	/41	-	/92	-	-	-	-	-	
		/44	-	/101	-	-	-	-	-	
		/45	-	/101	-	-	-	-	-	
		/46	-	/101	-	-	-	-	-	
AS81714	-	/1	-	-	-	-	-	-		