

Tool Selection Guide

M39029 Contacts

Astro provides Tool Selection Guides to assist operators in quickly identifying the correct tooling for connector assembly. These charts are offered as a supplemental guide and are not designed to replace any official manuals or specs. Please check official sources for the most up-to-date information.

Part Number Guide



615717



616336



615708



620175

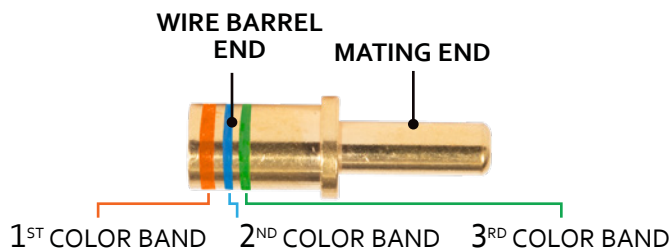


AMT23B

Reading a BIN Code

M39029 machined contacts are tagged with a basic identification number (BIN) composed of three stripes. Each stripe indicates a number that ensures operators are using the correct contact during connector assembly. BIN codes can be stamped onto the shoulder or wire barrel (size 16 and larger). BIN codes should be read from left to right, starting from the wire barrel end.

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



The example above is BIN code 365

MIL-DTL-12883

• Relay Sockets



CONNECTOR P/N	CONTACT P/N	BIN			MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	616336
M12883/40 EXTENDED HEIGHT RELAY SOCKETS	M39029/5-117	1	1	7	16	20	20-24	615709	616328
	M39029/5-116	1	1	6	16	16	16-20	615709	616328
M12883/40 LOW PROFILE RELAY SOCKETS	M39029/92-534	5	3	4	16	20	20-24	615709	616328
	M39029/92-533	5	3	3	16	16	16-20	615709	616328

CONNECTOR P/N	CONTACT P/N	BIN			MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	616336
M12883/41 EXTENDED HEIGHT RELAY SOCKETS	M39029/5-117	1	1	7	16	20	20-24	615709	616328
	M39029/5-116	1	1	6	16	16	16-20	615709	616328
M12883/41 LOW PROFILE RELAY SOCKETS	M39029/92-531	5	3	1	22	22	22-28	-	-
	M39029/92-534	5	3	4	16	20	20-24	615709	616328
	M39029/92-533	5	3	3	16	16	16-20	615709	616328

CONNECTOR P/N	CONTACT P/N	BIN			MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								616336	
M12883/44 LOW PROFILE RELAY SOCKETS	M39029/101-553	5	5	3	20	20	20-24	620084	

CONNECTOR P/N	CONTACT P/N	BIN			MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615717	616336
M12883/45 LOW PROFILE RELAY SOCKETS	M39029/101-552	5	5	2	22	22	22-28	616037	620083
	M39029/101-553	5	5	3	20	20	20-24	-	620084

CONNECTOR P/N	CONTACT P/N	BIN			MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615717	616336
M12883/46 LOW PROFILE RELAY SOCKETS	M39029/101-553	5	5	3	20	20	20-24	-	620084
	M39029/101-554	5	5	4	16	16	16-20	616037	620085

CONNECTOR P/N	CONTACT P/N	BIN			MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	616336
M12883/47 EXTENDED HEIGHT RELAY SOCKETS	M39029/5-116	1	1	6	16	16	16-20	615709	616328
M12883/47 LOW PROFILE RELAY SOCKETS	M39029/92-533	5	3	3	16	16	16-20	615709	616328

CONNECTOR P/N	CONTACT P/N	BIN			MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	616336
M12883/48 EXTENDED HEIGHT RELAY SOCKETS	M39029/5-116	1	1	6	16	16	16-20	615709	616328
	M39029/5-118	1	1	8	12	12	12-14	615709	-
M12883/48 LOW PROFILE RELAY SOCKETS	M39029/92-533	5	3	3	16	16	16-20	615709	616328
	M39029/92-535	5	3	5	12	12	12-14	615709	-
	M39029/92-536	5	3	6	12	16	16-20	615709	-

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-DTL-22992

- Class L
- Heavy Duty, Circular, Front Release Contacts

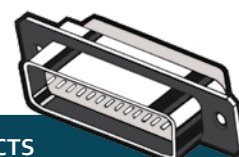


CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
MS90555	WALL MOUNT RECEPTACLE	MS90557	IN-LINE RECEPTACLE
MS90556	STRAIGHT PLUG	MS90558	WALL MOUNT PLUG

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY
								AMT23B
M39029/48-317	3	1	7	PIN	6	6	6	AMT23003DA (DIE) and AMT23010L (LOCATOR)
M39029/49-329	3	2	9	SOCKET	6	6	6	AMT23003DA (DIE) and AMT23010L (LOCATOR)
M39029/48-318	3	1	8	PIN	6N*	6	6	AMT23003DA (DIE) and AMT23010L (LOCATOR)
M39029/48-319	3	1	9	PIN	6G**	6	6	AMT23003DA (DIE) and AMT23010L (LOCATOR)
M39029/49-330	3	3	0	SOCKET	6G**	6	6	AMT23003DA (DIE) and AMT23010L (LOCATOR)
M39029/48-320	3	2	0	PIN	4	4	4	AMT23004DA (DIE) and AMT23012L (LOCATOR)
M39029/49-331	3	3	1	SOCKET	4	4	4	AMT23004DA (DIE) and AMT23012L (LOCATOR)
M39029/48-321	3	2	1	PIN	4N*	4	4	AMT23004DA (DIE) and AMT23012L (LOCATOR)
M39029/48-322	3	2	2	PIN	4G**	4	4	AMT23004DA (DIE) and AMT23012L (LOCATOR)
M39029/49-332	3	3	2	SOCKET	4G**	4	4	AMT23004DA (DIE) and AMT23012L (LOCATOR)
M39029/48-323	3	2	3	PIN	1/0	1	1	AMT23005DA (DIE) and AMT23014L (LOCATOR)
M39029/49-333	3	3	3	SOCKET	1/0	1	1	AMT23005DA (DIE) and AMT23014L (LOCATOR)
M39029/48-324	3	2	4	PIN	1/0N*	1	1	AMT23005DA (DIE) and AMT23014L (LOCATOR)
M39029/48-325	3	2	5	PIN	2/0	2/0	2/0	AMT23006DA (DIE) and AMT23015L (LOCATOR)
M39029/49-334	3	3	4	SOCKET	2/0	2/0	2/0	AMT23006DA (DIE) and AMT23015L (LOCATOR)
M39029/48-326	3	2	6	PIN	2/0N*	2/0	2/0	AMT23006DA (DIE) and AMT23015L (LOCATOR)
M39029/48-327	3	2	7	PIN	4/0	4/0	4/0	AMT23007DA (DIE) and AMT23016L (LOCATOR)
M39029/49-335	3	3	5	SOCKET	4/0	4/0	4/0	AMT23007DA (DIE) and AMT23016L (LOCATOR)
M39029/48-328	3	2	8	PIN	4/0N*	4/0	4/0	AMT23007DA (DIE) and AMT23016L (LOCATOR)

MIL-DTL-24308

- D-Subminiature, Rack and Panel, Rectangular, Rear Release Contacts



CONNECTOR PART NUMBER	CONTACTS	CONNECTOR PART NUMBER	CONTACTS
M24308/2	POLARIZED SHELL SOCKET	M24305/6	POLARIZED SHELL SOCKET (NON-MAGNETIC)
M24308/4	POLARIZED SHELL PIN	M24308/8	POLARIZED SHELL PIN (NON-MAGNETIC)

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615717	616336
M39029/58-360	3	6	0	PIN	22	22D	22-28	615725	616332
M39029/57-354	3	5	4	SOCKET	22	22D	22-28	615722	616331
M39029/58-986	9	8	6	PIN	22	22D	22-28	615725	616332
M39029/57-982	9	8	2	SOCKET	22	22D	22-28	615722	616331
M39029/64-369	3	6	9	PIN	20	20	20-24	615724	-
M39029/63-368	3	6	8	SOCKET	20	20	20-24	615724	-
M39029/64-968	9	6	8	PIN	20	20	20-24	615724	-
M39029/63-928	9	2	8	SOCKET	20	20	20-24	615724	-

*N indicates neutral pin. **G indicates grounding pin.

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types. Visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-DTL-26482

- Series 1
- Bayonet Coupling, Circular, Front Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
MS3120	WALL MOUNT FLANGE RECEPTACLE	MS3126	STRAIGHT PLUG
MS3121	CABLE CONNECTING PLUG	MS3127	BOX MOUNT FLANGE RECEPTACLE
MS3122	BOX MOUNT FLANGE RECEPTACLE	MS3128	WALL MOUNT FLANGE RECEPTACLE
MS3124	JAM NUT REAR MOUNT RECEPTACLE		

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/31-240	2	4	0	PIN	20	20	20-24	615709	615718	616327
M39029/32-259	2	5	9	SOCKET	20	20	20-24	615709	615718	616327
M39029/31-228	2	2	8	PIN	16	16	16-20	615709	-	616328
M39029/32-247	2	4	7	SOCKET	16	16	16-20	615709	-	616328
M39029/31-234	2	3	4	PIN	12	12	12-14	615709	-	-
M39029/32-253	2	5	3	SOCKET	12	12	12-14	615709	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

MIL-DTL-26482

- Series 2
- Bayonet Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
MS3470	WALL MOUNT FLANGE RECEPTACLE	MS3474	JAM NUT REAR MOUNT RECEPTACLE
MS3471	CABLE CONNECTING PLUG	MS3475	PLUG RFI
MS3472	WIDE FLANGE WALL MOUNT RECEPTACLE	MS3476	STRAIGHT PLUG

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/4-110	1	1	0	PIN	20	20	20-24	615709	615718	616327
M39029/5-115	1	1	5	SOCKET	20	20	20-24	615709	615718	616327
M39029/4-112	1	1	2	PIN	16	20	20-24	615709	-	616328
M39029/5-117	1	1	7	SOCKET	16	20	20-24	615709	-	616328
M39029/4-111	1	1	1	PIN	16	16	16-20	615709	-	616328
M39029/5-116	1	1	6	SOCKET	16	16	16-20	615709	-	616328
M39029/4-114	1	1	4	PIN	12	16	16-20	615709	-	616328
M39029/5-119	1	1	9	SOCKET	12	16	16-20	615709	-	616328
M39029/4-113	1	1	3	PIN	12	12	12-14	615709	-	-
M39029/5-118	1	1	8	SOCKET	12	12	12-14	615709	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

MIL-DTL-26500

- Threaded Or Bayonet Coupling, Circular, Front Release Contacts



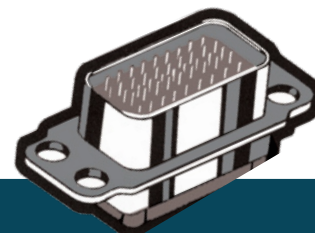
CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
MS24264	FLANGE MOUNT RECEPTACLE	MS27613	PANEL MOUNT RECEPTACLE
MS24265	SINGLE HOLE MOUNT RECEPTACLE	MS27614	JAM NUT RECEPTACLE
MS24266	STRAIGHT PLUG	MS27615	PLUG

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/31-627	6	2	7	PIN	20	20	20-24	615709	615718	616327
M39029/32-260	2	6	0	SOCKET	20	20	20-24	615709	615718	616327
M39029/31-229	2	2	9	PIN	16	16	16-20	615709	-	616328
M39029/32-248	2	4	8	SOCKET	16	16	16-20	615709	-	616328
M39029/31-235	2	3	5	PIN	12	12	12-14	615709	-	-
M39029/32-254	2	5	4	SOCKET	12	12	12-14	615709	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

MIL-DTL-26518

- Class R (Inactive, Refer to MIL-DTL-83733)
- Rectangular, Front Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION
MS24285	RECEPTACLE
MS24286	PLUG

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/31-241	2	4	1	PIN	20	20	20-24	615709	615718	616327
M39029/32-260	2	6	0	SOCKET	20	20	20-24	615709	615718	616327
M39029/31-229	2	2	9	PIN	16	16	16-20	615709	-	616328
M39029/32-248	2	4	8	SOCKET	16	16	16-20	615709	-	616328
M39029/31-235	2	3	5	PIN	12	12	12-14	615709	-	-
M39029/32-254	2	5	4	SOCKET	12	12	12-14	615709	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

MIL-DTL-28748

- Rack and Panel, Rectangular



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M28748/3	PIN CONTACTS SIZE 16 AND 20	M28748/10	SOCKET CONTACTS 16 POLARIZED CENTER SCREW LOCK
M28748/4	SOCKET CONTACTS SIZE 16 AND 20	M28748/13	PIN CONTACTS 22
M28748/9	PIN CONTACTS 16 POLARIZED CENTER SCREW LOCK	M28748/14	SOCKET CONTACTS 22

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY
								615708
M39029/34-440	4	4	0	PIN	22	22	22-26	-
M39029/35-441	4	4	1	SOCKET	22	22	22-26	-
M39029/34-271	2	7	1	PIN	20	20	20-24	615710
M39029/35-274	2	7	4	SOCKET	20	20	20-24	615710
M39029/34-272	2	7	2	PIN	16	20	20-24	615710
M39029/35-275	2	7	5	SOCKET	16	20	20-24	615710
M39029/34-273	2	7	3	PIN	16	16	16-20	615710
M39029/35-276	2	7	6	SOCKET	16	16	16-20	615710
M39029/36-277	2	7	7	PIN	16	20	20-24	615710
M39029/37-279	2	7	9	SOCKET	16	20	20-24	615710
M39029/36-278	2	7	8	PIN	16	16	16-20	615710
M39029/37-280	2	8	0	SOCKET	16	16	16-20	615710



MIL-DTL-28804

- High Density, Polarized Center Jackscrew, Rectangular, Rear Release Contacts

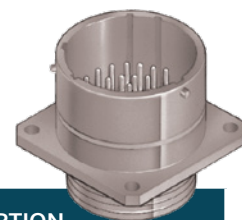
CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M28804/1	NON-ENVIRONMENTAL RECEPTACLE (SOCKETS)	M28804/4	ENVIRONMENTAL PLUG (PINS)
M28804/2	NON-ENVIRONMENTAL PLUG (PINS)	M28804/5	ENVIRONMENTAL RECEPTACLE (SOCKETS) (POTTING TYPE)
M28804/3	ENVIRONMENTAL RECEPTACLE (SOCKETS)	M28804/6	ENVIRONMENTAL PLUG (PINS) (POTTING TYPE)

CONTACT PART NUMBER	BIN	STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY
						615717
M28804/9-1	-	PIN	22	22D	22-28	616429
M28804/10-1	-	SOCKET	22	22D	22-28	616429

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-DTL-38999

- Series 1
- Scoop Proof, Bayonet Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION
MS27466	WALL MOUNT FLANGE RECEPTACLE
MS27467	STRAIGHT PLUG
MS27468	JAM NUT MOUNT RECEPTACLE

CONNECTOR PART NUMBER	DESCRIPTION
MS27496	RECEPTACLE
MS27505	BOX MOUNT FLANGE RECEPTACLE
MS27656	BACK PANEL WALL MOUNT RECEPTACLE

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/58-360	3	6	0	PIN	22	22D	22-28	-	615725	616332
M39029/56-348	3	4	8	SOCKET	22	22D	22-28	-	615723	616330
M39029/118-644	6	4	4	PIN	22	22D	22-28	-	615725	616332
M39029/118-650	6	5	0	PIN	22	22D	22-28	-	615725	616332
M39029/117-632	6	3	2	SOCKET	22	22D	22-28	-	615723	616330
M39029/117-638	6	3	8	SOCKET	22	22D	22-28	-	615723	616330
M39029/58-361	3	6	1	PIN	22	22M	24-28	-	615725	616332
M39029/56-349	3	4	9	SOCKET	22	22M	24-28	-	615723	616330
M39029/58-362	3	6	2	PIN	22	22	22-26	-	615725	616332
M39029/56-350	3	5	0	SOCKET	22	22	22-26	-	615723	616330
M39029/58-363	3	6	3	PIN	20	20	20-24	615711	615726	-
M39029/56-351	3	5	1	SOCKET	20	20	20-24	615711	615726	-
M39029/118-646	6	4	6	PIN	20	20	20-24	615711	615726	-
M39029/118-652	6	5	2	PIN	20	20	20-24	615711	615726	-
M39029/117-634	6	3	4	SOCKET	20	20	20-24	615711	615726	616333
M39029/117-640	6	4	0	SOCKET	20	20	20-24	615711	615726	616333
M39029/58-364	3	6	4	PIN	16	16	16-20	615711	-	616329
M39029/56-352	3	5	2	SOCKET	16	16	16-20	615711	-	616329
M39029/118-647	6	4	7	PIN	16	16	16-20	615711	-	616329
M39029/118-653	6	5	3	PIN	16	16	16-20	615711	-	616329
M39029/117-635	6	3	5	SOCKET	16	16	16-20	615711	-	616329
M39029/117-641	6	4	1	SOCKET	16	16	16-20	615711	-	616329
M39029/58-365	3	6	5	PIN	12	12	12-14	615711	-	-
M39029/56-353	3	5	3	SOCKET	12	12	12-14	615711	-	-
M39029/118-648	6	4	8	PIN	12	12	12-14	615711	-	-
M39029/118-654	6	5	4	PIN	12	12	12-14	615711	-	-
M39029/117-636	6	3	6	SOCKET	12	12	12-14	615711	-	-
M39029/117-642	6	4	2	SOCKET	12	12	12-14	615711	-	-
M39029/58-528	5	2	8	PIN	10	10	10	-	-	-
M39029/56-527	5	2	7	SOCKET	10	10	10	-	-	-
M39029/118-649	6	4	9	PIN	10	10	10	-	-	-
M39029/118-655	6	5	5	PIN	10	10	10	-	-	-
M39029/117-637	6	3	7	SOCKET	10	10	10	-	-	-
M39029/117-643	6	4	3	SOCKET	10	10	10	-	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

MIL-DTL-38999

- Series 2
- Low Silhouette, Bayonet Coupling, Circular, Rear Release Contacts



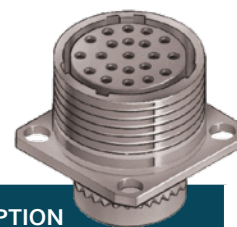
CONNECTOR PART NUMBER		DESCRIPTION	CONNECTOR PART NUMBER		DESCRIPTION
MS27472	WALL MOUNT FLANGE RECEPTACLE		MS27508	BOX MOUNT FLANGE RECEPTACLE	
MS27473	STRAIGHT PLUG		MS27497	BACK PANEL WALL MOUNT RECEPTACLE	
MS27474	JAM NUT MOUNT RECEPTACLE		MS27484	RFI PLUG	
MS27499	BOX MOUNT RECEPTACLE				

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/58-360	3	6	0	PIN	22	22D	22-28	-	615725	616332
M39029/57-354	3	5	4	SOCKET	22	22D	22-28	-	615722	616331
M39029/58-361	3	6	1	PIN	22	22M	24-28	-	615725	616332
M39029/57-355	3	5	5	SOCKET	22	22M	24-28	-	615722	616331
M39029/58-362	3	6	2	PIN	22	22	22-26	-	615725	616332
M39029/57-356	3	5	6	SOCKET	22	22	22-26	-	615722	616331
M39029/58-363	3	6	3	PIN	20	20	20-24	615711	615726	616333
M39029/57-357	3	5	7	SOCKET	20	20	20-24	615711	615726	616333
M39029/58-364	3	6	4	PIN	16	16	16-20	615711	-	616329
M39029/57-358	3	5	8	SOCKET	16	16	16-20	615711	-	616329
M39029/58-365	3	6	5	PIN	12	12	12-14	615711	-	-
M39029/57-359	3	5	9	SOCKET	12	12	12-14	615711	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types. Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-DTL-38999

- Series 3
- Tri-Start Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION
D38999/20	WALL MOUNT FLANGE RECEPTACLE
D38999/24	JAM NUT MOUNT RECEPTACLE
D38999/26	STRAIGHT PLUG
D38999/29	LANYARD RELEASE PLUG (PIN CONTACTS ONLY)
D38999/30	LANYARD RELEASE PLUG (SOCKET CONTACTS ONLY)

CONNECTOR PART NUMBER	DESCRIPTION
D38999/31	LANYARD RELEASE PLUG (PIN CONTACTS ONLY)
D38999/34	JAM NUT RECEPTACLE (SOCKET CONTACTS ONLY)
D38999/35	WALL MOUNT RECEPTACLE (SOCKET CONTACTS ONLY)

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/58-360	3	6	0	PIN	22	22D	22-28	-	615725	616332
M39029/56-348	3	4	8	SOCKET	22	22D	22-28	-	615723	616330
M39029/118-644	6	4	4	PIN	22	22D	22-28	-	615725	616332
M39029/118-650	6	5	0	PIN	22	22D	22-28	-	615725	616332
M39029/117-632	6	3	2	SOCKET	22	22D	22-28	-	615723	616330
M39029/117-638	6	3	8	SOCKET	22	22D	22-28	-	615723	616330
M39029/58-361	3	6	1	PIN	22	22M	24-28	-	615725	616332
M39029/56-349	3	4	9	SOCKET	22	22M	24-28	-	615723	616330
M39029/58-362	3	6	2	PIN	22	22	22-26	-	615725	616332
M39029/56-350	3	5	0	SOCKET	22	22	22-26	-	615723	616330
M39029/58-363	3	6	3	PIN	20	20	20-24	615711	615726	-
M39029/56-351	3	5	1	SOCKET	20	20	20-24	615711	615726	-
M39029/118-646	6	4	6	PIN	20	20	20-24	615711	615726	-
M39029/118-652	6	5	2	PIN	20	20	20-24	615711	615726	-
M39029/117-634	6	3	4	SOCKET	20	20	20-24	615711	615726	616333
M39029/117-640	6	4	0	SOCKET	20	20	20-24	615711	615726	616333
M39029/58-364	3	6	4	PIN	16	16	16-20	615711	-	616329
M39029/56-352	3	5	2	SOCKET	16	16	16-20	615711	-	616329
M39029/118-647	6	4	7	PIN	16	16	16-20	615711	-	616329
M39029/118-653	6	5	3	PIN	16	16	16-20	615711	-	616329
M39029/117-635	6	3	5	SOCKET	16	16	16-20	615711	-	616329
M39029/117-641	6	4	1	SOCKET	16	16	16-20	615711	-	616329
M39029/58-365	3	6	5	PIN	12	12	12-14	615711	-	-
M39029/56-353	3	5	3	SOCKET	12	12	12-14	615711	-	-
M39029/118-648	6	4	8	PIN	12	12	12-14	615711	-	-
M39029/118-654	6	5	4	PIN	12	12	12-14	615711	-	-
M39029/117-636	6	3	6	SOCKET	12	12	12-14	615711	-	-
M39029/117-642	6	4	2	SOCKET	12	12	12-14	615711	-	-
M39029/58-528	5	2	8	PIN	10	10	10	-	-	-
M39029/56-527	5	2	7	SOCKET	10	10	10	-	-	-
M39029/118-649	6	4	9	PIN	10	10	10	-	-	-
M39029/118-655	6	5	5	PIN	10	10	10	-	-	-
M39029/117-637	6	3	7	SOCKET	10	10	10	-	-	-
M39029/117-643	6	4	3	SOCKET	10	10	10	-	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

MIL-DTL-38999

• Series 3 Continued

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/122-669	6	6	9	PIN	23	26	28-32	-	616031	-
M39029/121-662	6	6	2	SOCKET	23	26	28-32	-	616034	-
M39029/122-670	6	7	0	PIN	23	22	22-28	-	616031	-
M39029/121-663	6	6	3	SOCKET	23	22	22-28	-	616034	-
M39029/122-671	6	7	1	PIN	22	22D	22-28	-	615725	616332
M39029/121-664	6	6	4	SOCKET	22	22D	22-28	-	615723	616330
M39029/122-672	6	7	2	PIN	20	20	20-24	615711	615726	616333
M39029/121-665	6	6	5	SOCKET	20	20	20-24	615711	615726	616333
M39029/122-673	6	7	3	PIN	16	16	16-20	615711	-	616329
M39029/121-666	6	6	6	SOCKET	16	16	16-20	615711	-	616329
M39029/122-674	6	7	4	PIN	12	12	12-14	615711	-	-
M39029/121-667	6	6	7	SOCKET	12	12	12-14	615711	-	-
M39029/122-675	6	7	5	PIN	10	10	10	-	-	-
M39029/121-668	6	6	8	SOCKET	10	10	10-12	-	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types. Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.



MIL-STD-1760

• MIL-DTL-38999 - Series 3 Variation

POWER CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/58-363	3	6	3	PIN	20	20	20-24	615711	615726	616333
M39029/56-351	3	5	1	SOCKET	20	20	20-24	615711	615726	616333
M39029/58-364	3	6	4	PIN	16	16	16-20	615711	-	616329
M39029/56-352	3	5	2	SOCKET	16	16	16-20	615711	-	616329
M39029/58-528	5	2	8	PIN	10	10	10	-	-	-
M39029/56-527	5	2	7	SOCKET	10	10	10	-	-	-

MIL-STD-1760 Continued

• MIL-DTL-38999 - Series 3 Variation

#8 TWINAX (DATA BUS) CONTACT PART NUMBER	BIN			STYLE	MATING END	INNER CRIMP TOOL AND POSITIONER	
						616336	
M39029/90-529	5	2	9	PIN	8 TWINAX	-	
M39029/90-529 (ALTERNATE PRE-ASSEMBLED DESIGN)	5	2	9	PIN	8 TWINAX	620083	
M39029/91-530	5	3	0	SOCKET	8 TWINAX	-	
M39029/91-530 (ALTERNATE PRE-ASSEMBLED DESIGN)	5	3	0	S	8 TWINAX	620083	
M39029/113-625	6	2	5	PIN	8 TWINAX	-	
M39029/114-628	6	2	8	SOCKET	8 TWINAX	-	

Insertion and removal of contacts in MIL-STD-1760 applications require the use of straight tools due to the restricted access of lanyard release connectors.

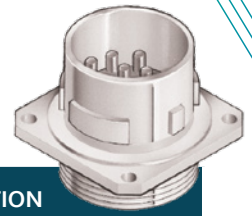
SAE AS39029/115 AND SAE AS39029/116 are proposed unpublished specs.

#12 COAX AND SHIELDED CONTACT PART NUMBER	BIN			STYLE	MATING END	INNER CRIMP TOOL AND POSITIONER	OUTER CRIMP TOOL AND ACCESSORY
						615717	620175
M39029/102-558	5	5	8	PIN	12 Coax	-	620291 (CAVITY A)
M39029/103-559	5	5	9	SOCKET	12 Coax	-	-
M39029/28-211	2	1	1	PIN	12 SHIELDED	620499	-
M39029/28-409	4	0	9	PIN	12 SHIELDED	620499	-
M39029/28-410	4	1	0	PIN	12 SHIELDED	620499	-
M39029/28-411	4	1	1	PIN	12 SHIELDED	620499	-
M39029/28-412	4	1	2	PIN	12 SHIELDED	620499	-
M39029/28-413	4	1	3	PIN	12 SHIELDED	620499	-
M39029/28-414	4	1	4	PIN	12 SHIELDED	620499	-
M39029/28-415	4	1	5	PIN	12 SHIELDED	620499	-
M39029/75-416	4	1	6	SOCKET	12 SHIELDED	620499	-
M39029/75-417	4	1	7	SOCKET	12 SHIELDED	620499	-
M39029/75-418	4	1	8	SOCKET	12 SHIELDED	620499	-
M39029/75-419	4	1	9	SOCKET	12 SHIELDED	620499	-
M39029/75-420	4	2	0	SOCKET	12 SHIELDED	620499	-
M39029/75-421	4	2	1	SOCKET	12 SHIELDED	620499	-
M39029/75-422	4	2	2	SOCKET	12 SHIELDED	620499	-
M39029/75-423	4	2	3	SOCKET	12 SHIELDED	620499	-

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-DTL-38999

- Series 4
- Breech Lock Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION
D38999/40	WALL MOUNT FLANGE RECEPTACLE
D38999/42	BOX MOUNT FLANGE RECEPTACLE
D38999/44	JAM NUT MOUNT RECEPTACLE

CONNECTOR PART NUMBER	DESCRIPTION
D38999/46	STRAIGHT PLUG
D38999/47	STRAIGHT PLUG
D38999/49	CABLE MOUNT RECEPTACLE

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/58-360	3	6	0	PIN	22	22D	22-28	-	615725	616332
M39029/56-348	3	4	8	SOCKET	22	22D	22-28	-	615723	616330
M39029/118-644	6	4	4	PIN	22	22D	22-28	-	615725	616332
M39029/118-650	6	5	0	PIN	22	22D	22-28	-	615725	616332
M39029/117-632	6	3	2	SOCKET	22	22D	22-28	-	615723	616330
M39029/117-638	6	3	8	SOCKET	22	22D	22-28	-	615723	616330
M39029/58-361	3	6	1	PIN	22	22M	24-28	-	615725	616332
M39029/56-349	3	4	9	SOCKET	22	22M	24-28	-	615723	616330
M39029/58-362	3	6	2	PIN	22	22	22-26	-	615725	616332
M39029/56-350	3	5	0	SOCKET	22	22	22-26	-	615723	616330
M39029/58-363	3	6	3	PIN	20	20	20-24	615711	615726	-
M39029/56-351	3	5	1	SOCKET	20	20	20-24	615711	615726	-
M39029/118-646	6	4	6	PIN	20	20	20-24	615711	615726	-
M39029/118-652	6	5	2	PIN	20	20	20-24	615711	615726	-
M39029/117-634	6	3	4	SOCKET	20	20	20-24	615711	615726	616333
M39029/117-640	6	4	0	SOCKET	20	20	20-24	615711	615726	616333
M39029/58-364	3	6	4	PIN	16	16	16-20	615711	-	616329
M39029/56-352	3	5	2	SOCKET	16	16	16-20	615711	-	616329
M39029/118-647	6	4	7	PIN	16	16	16-20	615711	-	616329
M39029/118-653	6	5	3	PIN	16	16	16-20	615711	-	616329
M39029/117-635	6	3	5	SOCKET	16	16	16-20	615711	-	616329
M39029/117-641	6	4	1	SOCKET	16	16	16-20	615711	-	616329
M39029/58-365	3	6	5	PIN	12	12	12-14	615711	-	-
M39029/56-353	3	5	3	SOCKET	12	12	12-14	615711	-	-
M39029/118-648	6	4	8	PIN	12	12	12-14	615711	-	-
M39029/118-654	6	5	4	PIN	12	12	12-14	615711	-	-
M39029/117-636	6	3	6	SOCKET	12	12	12-14	615711	-	-
M39029/117-642	6	4	2	SOCKET	12	12	12-14	615711	-	-
M39029/58-528	5	2	8	PIN	10	10	10	-	-	-
M39029/56-527	5	2	7	SOCKET	10	10	10	-	-	-
M39029/118-649	6	4	9	PIN	10	10	10	-	-	-
M39029/118-655	6	5	5	PIN	10	10	10	-	-	-
M39029/117-637	6	3	7	SOCKET	10	10	10	-	-	-
M39029/117-643	6	4	3	SOCKET	10	10	10	-	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

SAE-AS50151

- (Formerly SAE-AS50151) - Series 3400
- Threaded Coupling, Circular, Front Release Contacts

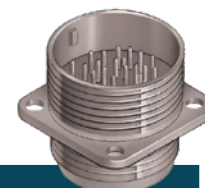


CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
MS3400 (SAE-AS34001)	WALL MOUNT RECEPTACLE	MS3406 (SAE-AS34061)	STRAIGHT PLUG
MS3401 (SAE-AS34011)	CABLE CONNECTING RECEPTACLE	MS3408 (SAE-AS34081)	PLUG 90°
MS3402 (SAE-AS34021)	BOX MOUNT RECEPTACLE	MS3409 (SAE-AS34091)	PLUG 45°
MS3404 (SAE-AS34041)	JAM NUT MOUNT RECEPTACLE	MS3412 (SAE-AS34121)	WALL MOUNT RECEPTACLE (ANTYPE)

CONTACT PART NUMBER		BIN		STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	AMT23B
M39029/44-287	2	8	7	PIN	16	22	22-26	615709	-
M39029/45-294	2	9	4	SOCKET	16	22	22-26	615709	-
M39029/44-288	2	8	8	PIN	16	16	16-20	615709	-
M39029/45-295	2	9	5	SOCKET	16	16	16-20	615709	-
M39029/44-289	2	8	9	PIN	12	16	16-20	615709	-
M39029/45-296	2	9	6	SOCKET	12	16	16-20	615709	-
M39029/44-290	2	9	0	PIN	12	12	12-14	615709	-
M39029/45-297	2	9	7	SOCKET	12	12	12-14	615709	-
M39029/44-291	2	9	1	PIN	8	8	8-10	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/45-298	2	9	8	SOCKET	8	8	8-10	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/44-292	2	9	2	PIN	4	4	4-6	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/45-299	2	9	9	SOCKET	4	4	4-6	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/44-293	2	9	3	PIN	1/0	1/0	0-2	-	AMT23005DA (DIE) AND AMT23013L (LOCATOR)
M39029/45-300	3	0	0	SOCKET	1/0	1/0	0-2	-	AMT23005DA (DIE) AND AMT23013L (LOCATOR)

SAE-AS50151

- (Formerly SAE-AS50151) - Series 3400
- Threaded Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
MS3450 (SAE-AS34501)	WALL MOUNT RECEPTACLE	MS3454 (SAE-AS34541)	JAM NUT MOUNT RECEPTACLE
MS3451 (SAE-AS34511)	CABLE CONNECTING RECEPTACLE	MS3456 (SAE-AS34561)	STRAIGHT PLUG
MS3452 (SAE-AS34521)	BOX MOUNT RECEPTACLE	MS3459 (SAE-AS34591)	SELF-LOCK COUPLING PLUG

CONTACT PART NUMBER	BIN		STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY			
							615708	616336	AMT23B	
M39029/29-212	2	1	2	PIN	16	16	16-20	615709	616328	-
M39029/30-218	2	1	8	SOCKET	16	16	16-20	615709	616328	-
M39029/29-213	2	1	3	PIN	12	12	12-14	615709	-	-
M39029/30-219	2	1	9	SOCKET	12	12	12-14	615709	-	-
M39029/29-214	2	1	4	PIN	8	8	8	-	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/30-220	2	1	0	SOCKET	8	8	8	-	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/29-215	2	1	5	PIN	4	4	4	-	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/30-221	2	2	1	SOCKET	4	4	4	-	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/29-216	2	1	6	PIN	1/0	1/0	0	-	-	AMT23005DA (DIE) AND AMT23013L (LOCATOR)
M39029/30-222	2	2	2	SOCKET	1/0	1/0	0			AMT23005DA (DIE) AND AMT23013L (LOCATOR)

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types. Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

SAE-AS81511

- Series 1
- Scoop Proof, Bayonet Coupling, Circular, Front Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M81511/21	FLANGE MOUNT RECEPTACLE	M81511/35	FLANGE MOUNT RECEPTACLE
M81511/23	JAM NUT RECEPTACLE	M81511/36	JAM NUT RECEPTACLE
M81511/25	CABLE CONNECTING RECEPTACLE	M81511/37	CABLE CONNECTING RECEPTACLE
M81511/26	STRAIGHT PLUG	M81511/38	STRAIGHT PLUG

**Scoop-proof when pins are installed in the receptacle, but not when pins are installed in the plug.*

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/47-312	3	1	2	PIN	23	28	28-32	-	615719	-
M39029/33-262	2	6	2	SOCKET	23	28	28-32	-	615719	-
M39029/47-314	3	1	4	PIN	23	22	22-26	-	615719	-
M39029/33-264	2	6	4	SOCKET	23	22	22-26	-	615719	-
M39029/47-316	3	1	6	PIN	20	20	20-24	615715	-	616334
M39029/33-266	2	6	6	SOCKET	20	20	20-24	615715	-	616334
M39029/47-337	3	3	7	PIN	16	16	16-20	615715	-	616335
M39029/33-268	2	6	8	SOCKET	16	16	16-20	615715	-	616335
M39029/47-339	3	3	9	PIN	12	12	12-14	615715	-	-
M39029/33-270	2	7	0	SOCKET	12	12	12-14	615715	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types. Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

SAE-AS81511

- Series 2
- 50% Scoop Proof, Bayonet Coupling, Circular, Front Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M81511/1	FLANGE MOUNT RECEPTACLE	M81511/31	FLANGE MOUNT RECEPTACLE
M81511/3	JAM NUT RECEPTACLE	M81511/32	JAM NUT RECEPTACLE
M81511/5	CABLE CONNECTING RECEPTACLE	M81511/33	CABLE CONNECTING RECEPTACLE
M81511/6	STRAIGHT PLUG	M81511/34	STRAIGHT PLUG

**Scoop-proof when pins are installed in the receptacle, but not when pins are installed in the plug.*

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/47-312	3	1	2	PIN	23	28	28-32	-	615719	-
M39029/46-302	3	0	2	SOCKET	23	28	28-32	-	615719	-
M39029/47-314	3	1	4	PIN	23	22	22-26	-	615719	-
M39029/46-304	3	0	4	SOCKET	23	22	22-26	-	615719	-
M39029/47-316	3	1	6	PIN	20	20	20-24	615715	-	616334
M39029/46-306	3	0	6	SOCKET	20	20	20-24	615715	-	616334
M39029/47-337	3	3	7	PIN	16	16	16-20	615715	-	616335
M39029/46-308	3	0	8	SOCKET	16	16	16-20	615715	-	616335
M39029/47-339	3	3	9	PIN	12	12	12-14	615715	-	-
M39029/46-310	3	1	0	SOCKET	12	12	12-14	615715	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

SAE-AS81511

- Series 3
- Class A/F/W, Scoop Proof, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M81511/41	FLANGE MOUNT RECEPTACLE	M81511/46	STRAIGHT PLUG
M81511/45	CABLE CONNECTING RECEPTACLE	M81511/49	JAM NUT RECEPTACLE

*Scoop-proof when pins are installed in either the plug or the receptacle. Plugs contain the grounding spring members.

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	615717
M39029/18-176	1	7	6	PIN	23	28	28-32	-	616031
M39029/17-171	1	7	1	SOCKET	23	28	28-32	-	616034
M39029/18-177	1	7	7	PIN	23	22	22-28	-	616031
M39029/17-172	1	7	2	SOCKET	23	22	22-28	-	616034
M39029/18-178	1	7	8	PIN	20	20	20-24	-	616032
M39029/17-173	1	7	3	SOCKET	20	20	20-24	-	616035
M39029/18-179	1	7	9	PIN	16	16	16-20	-	616033
M39029/17-174	1	7	4	SOCKET	16	16	16-20	-	616036
M39029/18-180	1	8	0	PIN	12	12	12-14	615821	-
M39029/17-175	1	7	5	SOCKET	12	12	12-14	615822	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

SAE-AS81511

- Series 4
- Class A/F/W, Scoop Proof, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M81511/41	FLANGE MOUNT RECEPTACLE	M81511/46	STRAIGHT PLUG
M81511/45	CABLE CONNECTING RECEPTACLE	M81511/49	JAM NUT RECEPTACLE

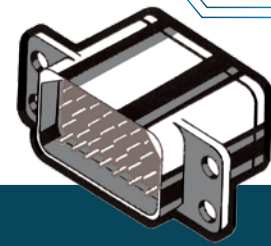
*Scoop-proof when pins are installed in either the plug or the receptacle. Plugs contain the grounding spring members.

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	615717
M39029/18-176	1	7	6	PIN	23	28	28-32	-	616031
M39029/16-166	1	6	6	SOCKET	23	28	28-32	-	616031
M39029/18-177	1	7	7	PIN	23	22	22-28	-	616031
M39029/16-167	1	6	7	SOCKET	23	22	22-28	-	616031
M39029/18-178	1	7	8	PIN	20	20	20-24	-	616032
M39029/16-168	1	6	8	SOCKET	20	20	20-24	-	616032
M39029/18-179	1	7	9	PIN	16	16	16-20	-	616033
M39029/16-169	1	6	9	SOCKET	16	16	16-20	-	616033
M39029/18-180	1	8	0	PIN	12	12	12-14	615821	-
M39029/16-170	1	7	0	SOCKET	12	12	12-14	615821	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

SAE-AS81659

- Series 2 (ARINC 404)
- Rectangular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION
M81659/29 THRU M81659/72	RECEPTACLE OR PLUG, TYPE 2, 3 AND 4 CLASS 1 AND 2 - SHELL DESIGNATOR A OR B

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/11-144	1	4	4	PIN	22	22	22-26	-	616191	-
M39029/12-148	1	4	8	SOCKET	22	22	22-26	-	616191	-
M39029/11-145	1	4	5	PIN	20	20	20-24	-	615724	-
M39029/12-149	1	4	9	SOCKET	20	20	20-24	-	615724	-
M39029/11-146	1	4	6	PIN	16	16	16-20	615709	-	616328
M39029/12-150	1	5	0	SOCKET	16	16	16-20	615709	-	616328
M39029/11-147	1	4	7	PIN	12	12	12-14	616406	-	-
M39029/12-151	1	5	1	SOCKET	12	12	12-14	616406	-	-

SAE-AS81703

- Series 3, Class E and L
- Rack and Panel Or Push Pull Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
MS3424	WALL MOUNT RECEPTACLE	MS3467	STRAIGHT PLUG
MS3446	RACK AND PANEL PLUG	MS3468	STRAIGHT PLUG, LANYARD RELEASE
MS3464	JAM NUT RECEPTACLE		

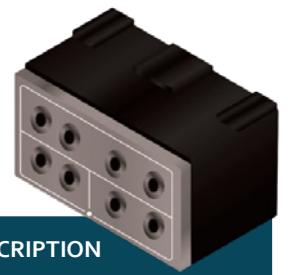
CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/4-110	1	1	0	PIN	20	20	20-24	615709	615718	616327
M39029/5-115	1	1	5	SOCKET	20	20	20-24	615709	615718	616327
M39029/4-112	1	1	2	PIN	16	20	20-24	615709	-	616328
M39029/5-117	1	1	7	SOCKET	16	20	20-24	615709	-	616328
M39029/4-111	1	1	1	PIN	16	16	16-20	615709	-	616328
M39029/5-116	1	1	6	SOCKET	16	16	16-20	615709	-	616328
M39029/4-114	1	1	4	PIN	12	16	16-20	615709	-	616328
M39029/5-119	1	1	9	SOCKET	12	16	16-20	615709	-	616328
M39029/4-113	1	1	3	PIN	12	12	12-14	615709	-	-
M39029/5-118	1	1	8	SOCKET	12	12	12-14	615709	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

SAE-AS81714

- Series 1
- Terminal Junctions Pin Contacts



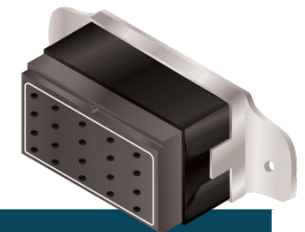
CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M81714/1	BUSSING MODULES, FEEDBACK TYPE, SIZE 22	M81714/15	GROUNDING STUD
M81714/2	BUSSING MODULES, FEEDBACK TYPE, SIZE 20	M81714/17	BUSSING MODULES, FEEDBACK TYPE, SIZE 22D
M81714/3	BUSSING MODULES, FEEDBACK TYPE, SIZE 16	M81714/21	ELECTRONIC, IN-LINE JUNCTIONS
M81714/4	BUSSING MODULES, FEEDBACK TYPE, SIZE 12	M81714/22	ELECTRONIC, IN-LINE JUNCTIONS
M81714/6	BUSSING MODULES, FEED THRU TYPE, SIZE 22	M81714/23	ELECTRONIC, IN-LINE JUNCTIONS
M81714/7	BUSSING MODULES, FEED THRU TYPE, SIZE 20	M81714/24	ELECTRONIC, IN-LINE JUNCTIONS, DOUBLE
M81714/8	BUSSING MODULES, FEED THRU TYPE, SIZE 16	M81714/25	ELECTRONIC, FEEDBACK TYPE, SIZE 20
M81714/9	BUSSING MODULES, FEED THRU TYPE, SIZE 12	M81714/26	ELECTRONIC, DIODE, FEEDBACK TYPE, SIZE 20
M81714/11	WIRE IN-LINE JUNCTIONS, SINGLE	M81714/27	GROUNDING MODULES, STUD
M81714/12	WIRE IN-LINE JUNCTIONS, DOUBLE	M81714/28	GROUNDING MODULE, INTEGRAL BRACKET

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	615717
M39029/1-507	5	0	7	PIN	20	22D	22-28	-	620261
M39029/1-100	1	0	0	PIN	16	22	22-26	-	615727
M39029/1-101	1	0	1	PIN	16	20	20-24	615709	615727
M39029/1-102	1	0	2	PIN	14	16	16-20	615709	-
M39029/1-103	1	0	3	PIN	12	12	12-14	615709	-

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

SAE-AS81714

- Series 2
- Terminal Junctions Socket Contacts

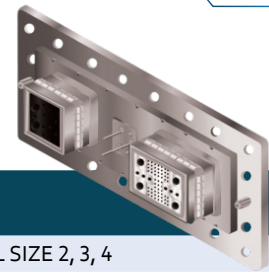


CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M81714/60	FEEDBACK TYPE, BUSSING MODULE	M81714/64	GROUNDING STUD
M81714/61	FEEDBACK TYPE, BUSSING MODULES	M81714/65	IN-LINE WIRE JUNCTIONS
M81714/63	STUD/FLANGE MOUNTED, SECTIONAL, GROUNDING MODULES		

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY
								616336
M39029/22-190	1	9	0	SOCKET	22	28	28-32	620083
M39029/22-191	1	9	1	SOCKET	22	22	22-26	620083
M39029/22-192	1	9	2	SOCKET	20	20	20-24	620084
M39029/22-193	1	9	3	SOCKET	16	16	16-20	620085
M39029/22-605	6	0	5	SOCKET	12	12	12-14	-

MIL-DTL-83527

- ARINC 600
- Rack and Panel, Rectangular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION
M83527/1 THRU M83527/6	RECEPTACLE OR PLUG SHELL SIZE 2, 3, 4

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/93-597	5	9	7	PIN	22	22	22-26	-	616191	-
M39029/94-601	6	0	1	SOCKET	22	22	22-26	-	616191	-
M39029/93-598	5	9	8	PIN	20	20	20-24	-	615724	616327
M39029/94-602	6	0	2	SOCKET	20	20	20-24	-	615724	616327
M39029/93-539	5	3	9	PIN	16	16	16-20	615709	-	616328
M39029/94-603	6	0	3	SOCKET	16	16	16-20	615709	-	616328
M39029/93-540	5	4	0	PIN	12	12	12-14	616406	-	-
M39029/94-604	6	0	4	SOCKET	12	12	12-14	616406	-	-

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-DTL-83723

- Series 2
- Threaded Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	CONTACTS	CONNECTOR PART NUMBER	CONTACTS
M83723/17 (Superseded by SAE-AS34511)	CABLE CONNECTING RECEPTACLE SOCKET	M83723/21 (Superseded by SAE-AS34521)	BOX MOUNT RECEPTACLE SOCKET
M83723/18 (Superseded by SAE-AS34511)	CABLE CONNECTING RECEPTACLE PIN	M83723/22 (Superseded by SAE-AS34521)	BOX MOUNT RECEPTACLE PIN CONTACTS
M83723/19 (Superseded by SAE-AS34501)	WALL MOUNT RECEPTACLE SOCKET	M83723/23 (Superseded by SAE-AS34561)	PLUG SOCKET CONTACTS
M83723/20 (Superseded by SAE-AS34501)	WALL MOUNT RECEPTACLE PIN	M83723/24 Superseded by SAE-AS34561)	PLUG PIN CONTACTS

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	616336	AMT23B
M39029/29-212	2	1	2	PIN	16	16	16-20	615709	616328	-
M39029/30-218	2	1	8	SOCKET	16	16	16-20	615709	616328	-
M39029/29-213	2	1	3	PIN	12	12	12-14	615709	-	-
M39029/30-219	2	1	9	SOCKET	12	12	12-14	615709	-	-
M39029/29-214	2	1	4	PIN	8	8	8	-	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/30-220	2	2	0	SOCKET	8	8	8	-	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/29-215	2	1	5	PIN	4	4	4	-	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/30-221	2	2	1	SOCKET	4	4	4	-	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/29-216	2	1	6	PIN	1/0	1/0	1/0	-	-	AMT23005DA (DIE) AND AMT23013L (LOCATOR)
M39029/30-222	2	2	2	SOCKET	1/0	1/0	1/0	-	-	AMT23005DA (DIE) AND AMT23013L (LOCATOR)

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

MIL-DTL-83723

- Series 3
- Bayonet and Threaded Coupling, Circular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M83723/71, /72	BAYONET, WALL MOUNT RECEPTACLE	M83723/82, /83	THREADED, WALL MOUNT RECEPTACLE
M83723/73, /74	BAYONET, JAM NUT RECEPTACLE	M83723/84, /85	THREADED, JAM NUT RECEPTACLE
M83723/75, /76, /77, /78	BAYONET, STRAIGHT PLUG	M83723/86, /87, /91, /92, /95, /96	THREADED, STRAIGHT PLUG

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/4-110	1	1	0	PIN	20	20	20-24	615709	615718	616327
M39029/5-115	1	1	5	SOCKET	20	20	20-24	615709	615718	616327
M39029/4-112	1	1	2	PIN	16	20	20-24	615709	-	616328
M39029/5-117	1	1	7	SOCKET	16	20	20-24	615709	-	616328
M39029/4-111	1	1	1	PIN	16	16	16-20	615709	-	616328
M39029/5-116	1	1	6	SOCKET	16	16	16-20	615709	-	616328
M39029/4-114	1	1	4	PIN	12	16	16-20	615709	-	616328
M39029/5-119	1	1	9	SOCKET	12	16	16-20	615709	-	616328
M39029/4-113	1	1	3	PIN	12	12	12-14	615709	-	-
M39029/5-118	1	1	8	SOCKET	12	12	12-14	615709	-	-

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-DTL-83733

- Rack and Panel, Rectangular, Rear Release Contacts



CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
M83733/1	STANDARD HOLE MOUNT	M83733/7	GUIDE SOCKETS AND SPRING MOUNT
M83733/2	GUIDE PINS AND SPRING MOUNT	M83733/8	GUIDE PINS
M83733/3	GUIDE SOCKETS	M83733/9	STAGGERED STANDARD HOLE MOUNT
M83733/4	CAPTIVE SPRINGS	M83733/10	STAGGERED BUSHING MOUNT
M83733/5	BUSHING MOUNT	M83733/11	STAGGERED CLINCH NUT MOUNT
M83733/6	CLINCH NUT MOUNT	M83733/12	STAGGERED SPRING MOUNT

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY		
								615708	615717	616336
M39029/58-360	3	6	0	PIN	22	22D	22-28	-	615725	616332
M39029/57-354	3	5	4	SOCKET	22	22D	22-28	-	615722	616331
M39029/4-110	1	1	0	PIN	20	20	20-24	615709	615718	616327
M39029/5-115	1	1	5	SOCKET	20	20	20-24	615709	615718	616327
M39029/4-111	1	1	1	PIN	16	16	16-20	615709	-	616328
M39029/5-116	1	1	6	SOCKET	16	16	16-20	615709	-	616328
M39029/4-113	1	1	3	PIN	12	12	12-14	615709	-	-
M39029/5-118	1	1	8	SOCKET	12	12	12-14	615709	-	-

Refer to the "Coax/Shielded/Thermocouple Contact Tool Selection Guide" on pages 43 to 49 for further information on contact types.

SAE-AS95234

- Reverse Bayonet, Circular, Front Release Contacts



CONNECTOR PART NUMBER	CONTACTS
AS95234/1	RECEPTACLE, BAYONET COUPLING, IN LINE
AS95234/2	RECEPTACLE, SQUARE FLANGE, BOX MOUNT, FRONT
AS95234/3	RECEPTACLE, SQUARE FLANGE, BOX MOUNT, REAR
AS95234/4	RECEPTACLE, SQUARE FLANGE, PANEL MOUNT, FRONT

CONNECTOR PART NUMBER	CONTACTS
AS95234/5	RECEPTACLE, SQUARE FLANGE, PANEL MOUNT, REAR
AS95234/6	PLUG, REVERSE BAYONET COUPLING
AS95234/7	RECEPTACLE, JAM NUT
AS95234/8	RECEPTACLE, JAM NUT
AS95234/9	PLUG, GROUNDING

CONTACT PART NUMBER	BIN			STYLE	MATING END	WIRE BARREL	WIRE RANGE	CRIMP TOOL AND ACCESSORY	
								615708	AMT23B
M39029/44-287	2	8	7	PIN	16	22	22-26	615709	-
M39029/45-294	2	9	4	SOCKET	16	22	22-26	615709	-
M39029/44-288	2	8	8	PIN	16	16	16-20	615709	-
M39029/45-295	2	9	5	SOCKET	16	16	16-20	615709	-
M39029/44-289	2	8	9	PIN	12	16	16-20	615709	-
M39029/45-296	2	9	6	SOCKET	12	16	16-20	615709	-
M39029/44-290	2	9	0	PIN	12	12	12-14	615709	-
M39029/45-297	2	9	7	SOCKET	12	12	12-14	615709	-
M39029/44-291	2	9	1	PIN	8	8	8-10	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/45-298	2	9	8	SOCKET	8	8	8-10	-	AMT23002DA (DIE) AND AMT23009L (LOCATOR)
M39029/44-292	2	9	2	PIN	4	4	4-6	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/45-299	2	9	9	SOCKET	4	4	4-6	-	AMT23004DA (DIE) AND AMT23011L (LOCATOR)
M39029/44-293	2	9	3	PIN	1/0	1/0	0-2	-	AMT23005DA (DIE) AND AMT23013L (LOCATOR)
M39029/45-300	3	0	0	SOCKET	1/0	1/0	0-2	-	AMT23005DA (DIE) AND AMT23013L (LOCATOR)

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

Micro Connectors - Glenair "Mighty Mouse" & Amphenol 2m Micro38999

CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
801	GLENAIR, MIGHTY MOUSE SERIES 801, RUGGED DOUBLE-START ACME THREADS	2M801	AMPHENOL, MICRO38999 SERIES 2M801, DUAL-START
803	GLENAIR, MIGHTY MOUSE SERIES 803, BAYONET COUPLING	2M803	AMPHENOL, MICRO38999 SERIES 2M803, BAYONET
804	GLENAIR, MIGHTY MOUSE SERIES 804, PUSH-PULL	2M804	AMPHENOL, MICRO38999 SERIES 2M804, PUSH-PULL
805	GLENAIR, MIGHTY MOUSE SERIES 805, TRIPLE-START ACME THREADS	2M805	AMPHENOL, MICRO38999 SERIES 2M805, TRI-START

CONTACT PART NUMBER		BIN			STYLE	CONTACT SIZE	WIRE SIZE	CRIMP TOOL AND ACCESSORY		
MIL SPEC	GLENAIR							615708	615717	616336
M39029/58-363	850-002-20-363	3	6	3	PIN	20	20-24	615711	615726	616333
M39029/57-357	850-003-20-357	3	5	7	SOCKET	20	20-24	615711	615726	616333
M39029/58-364	809-110	3	6	4	PIN	16	16-20	615711	-	616329
M39029/57-358	809-111	3	5	8	SOCKET	16	16-20	615711	-	616329
M39029/58-365	809-112	3	6	5	PIN	12	12-14	615711	-	-
M39029/57-359	809-113	3	5	9	SOCKET	12	12-14	615711	-	-

Micro Connectors - Glenair "Mighty Mouse"

- Coax/Shielded/Twinax

CONNECTOR PART NUMBER	DESCRIPTION	CONNECTOR PART NUMBER	DESCRIPTION
801	GLENAIR, MIGHTY MOUSE SERIES 801, RUGGED DOUBLE-START ACME THREADS	804	GLENAIR, MIGHTY MOUSE SERIES 804, PUSH-PULL
803	GLENAIR, MIGHTY MOUSE SERIES 803, BAYONET COUPLING	805	GLENAIR, MIGHTY MOUSE SERIES 805, TRIPLE-START ACME THREADS

CONTACT PART NUMBER		BIN			STYLE	CONTACT SIZE	CABLE SIZE	INNER CRIMP TOOL AND ACCESSORY
MIL SPEC	GLENAIR							615717
M39029/76-424	809-114	4	2	4	PIN	16 COAX /SHIELDED	RG174, RG179, or RG316	620517
M39029/78-432	809-116	4	3	2	SOCKET	16 COAX /SHIELDED	RG174, RG179, or RG316	620517
M39029/76-425	809-115	4	2	5	PIN	16 COAX /SHIELDED	RG178	620517
M39029/78-433	809-117	4	3	3	SOCKET	16 COAX /SHIELDED	RG178	620517
M39029/28-211	809-118	2	1	1	PIN	12 COAX /SHIELDED	RG174 , RG179, or RG316	620499
M39029/27-210	809-120	2	1	0	SOCKET	12 COAX /SHIELDED	RG174 , RG179, or RG316	620499
M39029/28-409	809-119	4	0	9	PIN	12 COAX /SHIELDED	RG180	620499
M39029/27-402	809-121	4	0	2	SOCKET	12 COAX /SHIELDED	RG180	620499

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

Micro Connectors - Glenair “Mighty Mouse” Continued

- Coax/Shielded/Twinax

CONTACT PART NUMBER		BIN			STYLE	CONTACT SIZE	CABLE SIZE	INNER CRIMP TOOL AND ACCESSORY	OUTER CRIMP TOOL AND ACCESSORY
MIL SPEC	GLENAIR							615717	620175
M39029/60-367	852-007-08-367	3	6	7	PIN	8 COAX/SHIELDED	M17/095-RG180	616417	620293
M39029/59-366	852-006-08-366	3	6	6	SOCKET	8 COAX/SHIELDED	M17/095-RG180	616417	620293

FOR CONNECTORS: MIL-DTL-26482 (SERIES 2) AND SAE-AS81703 (SERIES 3)									
CONTACT PART NUMBER		BIN			STYLE	CONTACT SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY	OUTER CRIMP TOOL AND ACCESSORY
								615717	620175
M39029/7-126	1	2	6	PIN	12 SHIELDED	28-30, RG178 B/U, RG178 A/U, RG196 A/U		616414	620294
M39029/7-127	1	2	7	PIN	12 SHIELDED	26, RG174/U, RG188 A/U		616414	620294
M39029/7-128	1	2	8	PIN	12 SHIELDED	24		616414	620294
M39029/8-129	1	2	9	SOCKET	12 SHIELDED	28-30, RG178 B/U, RG178 A/U, RG196 A/U		616414	620294
M39029/8-130	1	3	0	SOCKET	12 SHIELDED	26, RG174/U, RG188 A/U		616414	620294
M39029/8-131	1	3	1	SOCKET	12 SHIELDED	24		616414	620294

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

M39029 Coax, Shielded, & Thermocouple Contacts

FOR CONNECTORS: MIL-DTL-26482 (SERIES 2), MIL-DTL-83723 (SERIES 1 & 3), MIL-DTL-83733, SAE-AS81703 (SERIES 3)

CONTACT PART NUMBER	BIN			STYLE	CONTACT SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY		
							615708	615717	616336
M39029/9-132	1	3	2	PIN	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/9-133	1	3	3	PIN	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/9-134	1	3	4	PIN	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/9-135	1	3	5	PIN	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/9-136	1	3	6	PIN	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/9-514	5	1	4	PIN	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/9-515	5	1	5	PIN	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/9-516	5	1	6	PIN	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/9-517	5	1	7	PIN	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/9-518	5	1	8	PIN	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/10-138	1	3	8	SOCKET	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/10-139	1	3	9	SOCKET	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/10-140	1	4	0	SOCKET	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/10-141	1	4	1	SOCKET	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/10-142	1	4	2	SOCKET	20 THERMOCOUPLE	20-24	615709	615718	-
M39029/10-519	5	1	9	SOCKET	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/10-520	5	2	0	SOCKET	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/10-521	5	2	1	SOCKET	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/10-522	5	2	2	SOCKET	16 THERMOCOUPLE	16-20	615709	-	616328
M39029/10-523	5	2	3	SOCKET	16 THERMOCOUPLE	16-20	615709	-	616328

FOR CONNECTORS: SAE-AS81511 (SERIES 3 & 4)

CONTACT PART NUMBER	BIN			STYLE	SIZE	INNER CRIMP TOOL AND ACCESSORY		
						615717		
M39029/19-181	1	8	1	PIN	16 SHIELDED	-		
M39029/19-182	1	8	2	PIN	12 SHIELDED	616415		
M39029/19-183	1	8	3	PIN	12 SHIELDED	616415		

FOR CONNECTORS: SAE-AS81511 (SERIES 3)

CONTACT PART NUMBER	BIN			STYLE	SIZE	INNER CRIMP TOOL AND ACCESSORY		
						615717		
M39029/20-184	1	8	4	SOCKET	16 SHIELDED	-		
M39029/20-185	1	8	5	SOCKET	12 SHIELDED	616415		
M39029/20-186	1	8	6	SOCKET	12 SHIELDED	616415		

M39029 Coax, Shielded, & Thermocouple Contacts

FOR CONNECTORS: SAE-AS81511 (SERIES 4)							
CONTACT PART NUMBER	BIN			STYLE	SIZE	INNER CRIMP TOOL AND ACCESSORY	
						615717	
M39029/21-187	1	8	7	SOCKET	16 SHIELDED	-	
M39029/21-188	1	8	8	SOCKET	12 SHIELDED	616415	
M39029/21-189	1	8	9	SOCKET	12 SHIELDED	616415	

FOR CONNECTORS: MIL-DTL-26482 (SERIES 1)							
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY
							615717
M39029/25-204	2	0	4	PIN	12 SHIELDED	RG179 OR RG316	620261
M39029/25-205	2	0	5	PIN	12 SHIELDED	RG178	620261
M39029/25-206	2	0	6	PIN	12 SHIELDED	-	620261
M39029/26-207	2	0	7	SOCKET	12 SHIELDED	RG179 OR RG316	620261
M39029/26-208	2	0	8	SOCKET	12 SHIELDED	RG178	620261
M39029/26-209	2	0	9	SOCKET	12 SHIELDED	-	620261

FOR CONNECTORS: MIL-DTL-38999 (SERIES 2)							
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY
							615717
M39029/27-210	2	1	0	SOCKET	12 SHIELDED	M17/119-RG174, M17/113-RG316, M17/94-RG179	620499
M39029/27-402	4	0	2	SOCKET	12 SHIELDED	M17/95-RG180	620499
M39029/27-403	4	0	3	SOCKET	12 SHIELDED	-	620499
M39029/27-404	4	0	4	SOCKET	12 SHIELDED	-	620499
M39029/27-405	4	0	5	SOCKET	12 SHIELDED	-	620499
M39029/27-406	4	0	6	SOCKET	12 SHIELDED	-	620499
M39029/27-407	4	0	7	SOCKET	12 SHIELDED	M17/152-00001	620499
M39029/27-408	4	0	8	SOCKET	12 SHIELDED	MIL-DTL-24643/28	620499

M39029 Coax, Shielded, & Thermocouple Contacts

FOR CONNECTORS: MIL-DTL-38999 (SERIES 1-4)							
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY
							615717
M39029/28-211	2	1	1	PIN	12 SHIELDED	M17/119-RG174, M17/113-RG316, or M17/94-RG179	620499
M39029/28-409	4	0	9	PIN	12 SHIELDED	M17/95-RG180	620499
M39029/28-410	4	1	0	PIN	12 SHIELDED	-	620499
M39029/28-411	4	1	1	PIN	12 SHIELDED	-	620499
M39029/28-412	4	1	2	PIN	12 SHIELDED	-	620499
M39029/28-413	4	1	3	PIN	12 SHIELDED	-	620499
M39029/28-414	4	1	4	PIN	12 SHIELDED	M17/152-00001	620499
M39029/28-415	4	1	5	PIN	12 SHIELDED	MIL-DTL-24643/28	620499

FOR CONNECTORS: MIL-DTL-83733								
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY	OUTER CRIMP TOOL AND ACCESSORY
							615717	620175
M39029/50-340	3	4	0	PIN	12 SHIELDED	M17/094-RG179	616416	620296
M39029/51-341	3	4	1	SOCKET	12 SHIELDED	M17/094-RG179	616416	620296

FOR CONNECTORS: MIL-DTL-26500 AND MIL-DTL-26518								
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY	OUTER CRIMP TOOL AND ACCESSORY
							615717	620175
M39029/54-342	3	4	2	PIN	12 SHIELDED	M27500-22RE1N06	615257	620296
M39029/55-344	3	4	4	SOCKET	12 SHIELDED	M27500-22RE1N06	615257	620296
M39029/54-343	3	4	3	PIN	8 SHIELDED	M27500-22RE1N06	616260	620297
M39029/55-345	3	4	5	SOCKET	8 SHIELDED	M27500-22RE1N06	616260	620297

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

M39029 Coax, Shielded, & Thermocouple Contacts

FOR CONNECTORS: MIL-DTL-38999 (SERIES 1, 3, 4)								
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY	OUTER CRIMP TOOL AND ACCESSORY
							615717	620175
M39029/60-367	3	6	7	PIN	8 SHIELDED	M17/95-RG180	616417	620293 (CAVITY B)
M39029/59-366	3	6	6	SOCKET	8 SHIELDED	M17/95-RG180	616417	620293 (CAVITY B)

FOR CONNECTORS: MIL-DTL-38999 (SERIES 1, 3, 4)								
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY	
							615717	
M39029/75-416	4	1	6	SOCKET	12 SHIELDED	M17/119-RG174, M17/113-RG316, or M17/94-RG179	620499	
M39029/75-417	4	1	7	SOCKET	12 SHIELDED	M17/95-RG180	620499	
M39029/75-418	4	1	8	SOCKET	12 SHIELDED	-	620499	
M39029/75-419	4	1	9	SOCKET	12 SHIELDED	-	620499	
M39029/75-420	4	2	0	SOCKET	12 SHIELDED	-	620499	
M39029/75-421	4	2	1	SOCKET	12 SHIELDED	-	620499	
M39029/75-422	4	2	2	SOCKET	12 SHIELDED	M17/152-00001	620499	
M39029/75-423	4	2	3	SOCKET	12 SHIELDED	MIL-DTL-24643/28	620499	

FOR CONNECTORS: MIL-DTL-38999 (SERIES 1-4)								
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY	
							615717	
M39029/76-424	4	2	4	PIN	16 SHIELDED	M17/119-RG174, M17/113-RG316, or M17/094-RG179	620517	
M39029/76-425	4	2	5	PIN	16 SHIELDED	M17/093-RG178	620517	
M39029/76-426	4	2	6	PIN	16 SHIELDED	-	620517	
M39029/76-427	4	2	7	PIN	16 SHIELDED	-	620517	

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

M39029 Coax, Shielded, & Thermocouple Contacts

FOR CONNECTORS: MIL-DTL-38999 (SERIES 1, 3, 4)							
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY
							615717
M39029/77-428	4	2	8	SOCKET	16 SHIELDED	M17/119-RG174, M17/113-RG316, or M17/094-RG179	620517
M39029/77-429	4	2	9	SOCKET	16 SHIELDED	M17/093-RG178	620517
M39029/77-430	4	3	0	SOCKET	16 SHIELDED	-	620517
M39029/77-431	4	3	1	SOCKET	16 SHIELDED	-	620517

FOR CONNECTORS: MIL-DTL-38999 (SERIES 2)							
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY
							615717
M39029/78-432	4	3	2	SOCKET	16 SHIELDED	M17/119-RG174, M17/113-RG316, or M17/094-RG179	620517
M39029/78-433	4	3	3	SOCKET	16 SHIELDED	M17/093-RG178	620517
M39029/78-434	4	3	4	SOCKET	16 SHIELDED	-	620517
M39029/78-435	4	3	5	SOCKET	16 SHIELDED	-	620517

FOR CONNECTORS: MIL-DTL-83723 (SERIES 2) AND SAE-AS50151 (SERIES 3450)								
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY	OUTER CRIMP TOOL AND ACCESSORY
							615708	616336
M39029/85-454	4	5	4	PIN	16 THERMOCOUPLE	16-20	615709	616328
M39029/85-455	4	5	5	PIN	16 THERMOCOUPLE	16-20	615709	616328
M39029/85-456	4	5	6	PIN	16 THERMOCOUPLE	16-20	615709	616328
M39029/85-457	4	5	7	PIN	16 THERMOCOUPLE	16-20	615709	616328
M39029/85-458	4	5	8	PIN	12 THERMOCOUPLE	12-14	615709	-
M39029/85-459	4	5	9	PIN	12 THERMOCOUPLE	12-14	615709	-
M39029/85-460	4	6	0	PIN	12 THERMOCOUPLE	12-14	615709	-
M39029/85-461	4	6	1	PIN	12 THERMOCOUPLE	12-14	615709	-
M39029/86-510	5	1	0	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-511	5	1	1	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-512	5	1	2	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-513	5	1	3	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-462	4	6	2	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-463	4	6	3	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-464	4	6	4	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-465	4	6	5	SOCKET	16 THERMOCOUPLE	16-20	615709	616328
M39029/86-466	4	6	6	SOCKET	12 THERMOCOUPLE	12-14	615709	-
M39029/86-467	4	6	7	SOCKET	12 THERMOCOUPLE	12-14	615709	-
M39029/86-468	4	6	8	SOCKET	12 THERMOCOUPLE	12-14	615709	-
M39029/86-469	4	6	9	SOCKET	12 THERMOCOUPLE	12-14	615709	-

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

M39029 Coax, Shielded, & Thermocouple Contacts

FOR CONNECTORS: MIL-DTL-38999 (SERIES 1-4), MIL-DTL-24308, AND MIL-DTL-83733									
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY		
							615708	615717	616336
M39029/87-470	4	7	0	PIN	22D THERMOCOUPLE	22-28	-	615725	616332
M39029/87-471	4	7	1	PIN	22D THERMOCOUPLE	22-28	-	615725	616332
M39029/87-472	4	7	2	PIN	22D THERMOCOUPLE	22-28	-	615725	616332
M39029/87-473	4	7	3	PIN	22D THERMOCOUPLE	22-28	-	615725	616332
M39029/87-474	4	7	4	PIN	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/87-475	4	7	5	PIN	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/87-476	4	7	6	PIN	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/87-477	4	7	7	PIN	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/87-478	4	7	8	PIN	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/87-479	4	7	9	PIN	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/87-480	4	8	0	PIN	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/87-481	4	8	1	PIN	16 THERMOCOUPLE	16-20	615711	-	616329

FOR CONNECTORS: MIL-DTL-38999 (SERIES 1, 3, 4)									
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY		
							615708	615717	616336
M39029/88-482	4	8	2	SOCKET	22D THERMOCOUPLE	22-28	-	615723	616330
M39029/88-483	4	8	3	SOCKET	22D THERMOCOUPLE	22-28	-	615723	616330
M39029/88-484	4	8	4	SOCKET	22D THERMOCOUPLE	22-28	-	615723	616330
M39029/88-485	4	8	5	SOCKET	22D THERMOCOUPLE	22-28	-	615723	616330
M39029/88-486	4	8	6	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/88-487	4	8	7	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/88-488	4	8	8	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/88-489	4	8	9	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/88-490	4	9	0	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/88-491	4	9	1	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/88-492	4	9	2	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/88-493	4	9	3	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329

M39029 Coax, Shielded, & Thermocouple Contacts

FOR CONNECTORS: MIL-DTL-38999 (SERIES 2), MIL-DTL-8373, MIL-DTL-24308									
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	INNER CRIMP TOOL AND ACCESSORY		
							615708	615717	616336
M39029/89-494	4	9	4	SOCKET	22D THERMOCOUPLE	22-28	-	615722	616331
M39029/89-495	4	9	5	SOCKET	22D THERMOCOUPLE	22-28	-	615722	616331
M39029/89-496	4	9	6	SOCKET	22D THERMOCOUPLE	22-28	-	615722	616331
M39029/89-497	4	9	7	SOCKET	22D THERMOCOUPLE	22-28	-	615722	616331
M39029/89-498	4	9	8	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/89-499	4	9	9	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/89-500	5	0	0	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/89-501	5	0	1	SOCKET	20 THERMOCOUPLE	20-24	615711	615726	616333
M39029/89-502	5	0	2	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/89-503	5	0	3	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/89-504	5	0	4	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329
M39029/89-505	5	0	5	SOCKET	16 THERMOCOUPLE	16-20	615711	-	616329

FOR CONNECTORS: MIL-DTL-38999 (SERIES 2), MIL-DTL-8373, MIL-DTL-24308									
CONTACT PART NUMBER	BIN			STYLE	SIZE	WIRE SIZE OR CABLE	OUTER CRIMP TOOL AND ACCESSORY		
							620175		
M39029/102-558	5	5	8	PIN	12 COAX	M17/094-RG179, or M17/113-RG316	620291 (CAVITY A)		
M39029/103-559	5	5	9	SOCKET	12 COAX	M17/094-RG179, or M17/113-RG316	620291 (CAVITY A)		

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

Tool Selection Guide

RF Connectors

Astro provides Tool Selection Guides to assist operators in quickly identifying the correct tooling for connector assembly. These charts are offered as a supplemental guide and are not designed to replace any official manuals or specs. Please check official sources for the most up-to-date information.

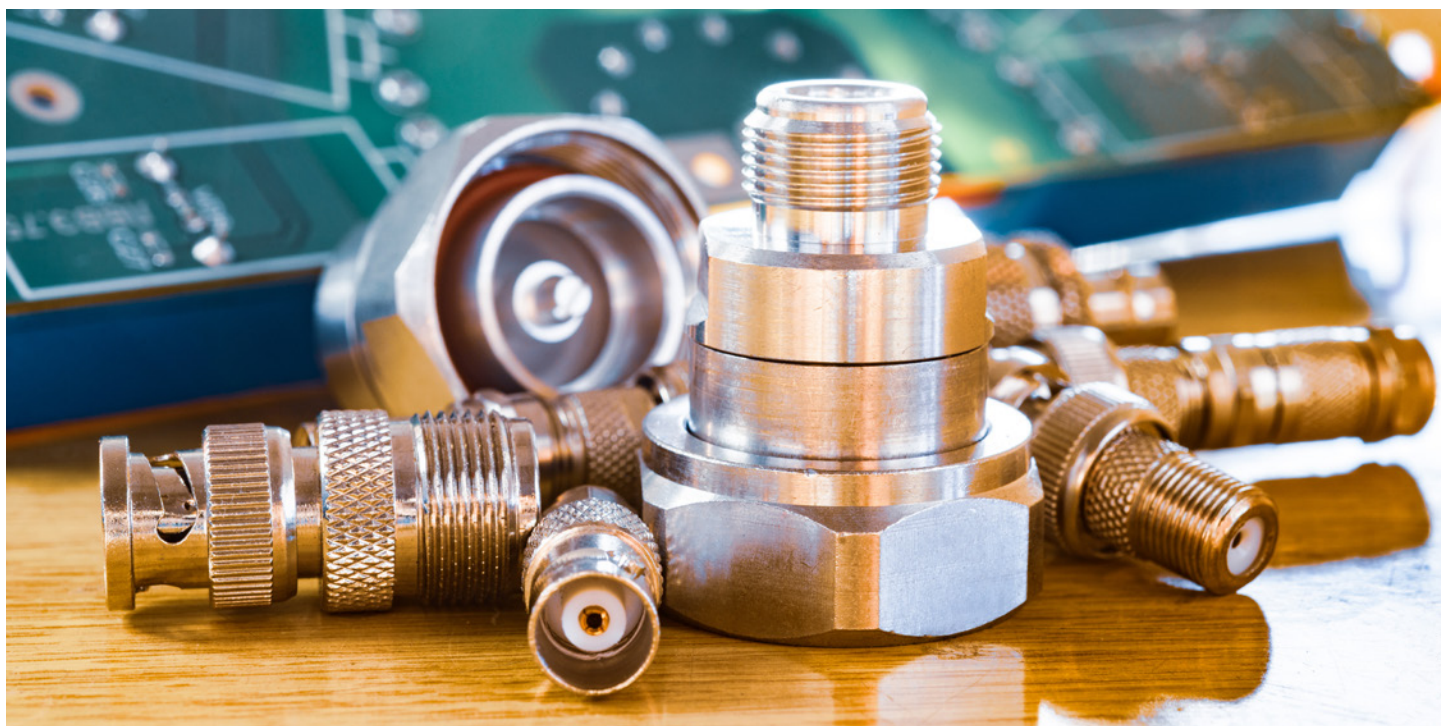
Part Number Guide



615708



620175



MIL-PRF-39012/1, /2, /3, /5

• Series N



CONNECTOR		INNER CONTACT			OUTER FERRULE								CABLE RG		
PART NUMBER (M39012/)	TYPE	TOOL ACCESSORY CAV			620175 (M22520/5-01)										
					DIE	CAV	DIE	CAV	DIE	CAV	DIE	CAV			
01-0501	PLUG	615708 (M22520/1-01)	616408 (M22520/1-13)	-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	393		
01-0502	PLUG			-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165		
01-0503	PLUG	OR 620175 (M22520/5-01)	OR 620368 (M22520/5-25)	B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620369 (M22520/5-57)	A	620299 (M22520/5-19)	B	142 400		
01-0504	PLUG			B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620369 (M22520/5-57)	A	620369 (M22520/5-57)	A	303		
02-0501	PLUG	615708 (M22520/1-01)	616408 (M22520/1-13)	-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	393		
02-0502	PLUG			-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165		
02-0503	PLUG			-	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400		
02-0504	PLUG			-	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303		
02-0511	RECEPTACLE			OR 620175 (M22520/5-01)	OR 620368 (M22520/5-25)	B	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	393	
02-0512	RECEPTACLE					B	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	165	
02-0513	RECEPTACLE					B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
02-0514	RECEPTACLE					B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
03-0501	RECEPTACLE	615708 (M22520/1-01)	616409 (M22520/1-14)	-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	393		
03-0502	RECEPTACLE			-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165		
03-0503	RECEPTACLE	OR 620175 (M22520/5-01)	OR 620368 (M22520/5-25)	B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400		
03-0504	RECEPTACLE			B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303		
05-0501	PLUG	615708 (M22520/1-01)	616408 (M22520/1-13)	-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	393		
05-0502	PLUG			-	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165		
05-0503	PLUG	OR 620175 (M22520/5-01)	OR 620368 (M22520/5-25)	B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400		
05-0504	PLUG			B	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303		

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-PRF-39012/16, /17, /18, /19, /20

• Series BNC



CONNECTOR		INNER CONTACT		OUTER FERRULE								CABLE RG
PART NUMBER (M39012/)	TYPE	TOOL	ACCESSORY	620175 (M22520/5-01)								
				DIE	CAV	DIE	CAV	DIE	CAV	DIE	CAV	
16-0501	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
16-0502	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
16-0503	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
16-0504	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
17-0501	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
17-0502	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
17-0503	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142
17-0504	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
18-0501	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
18-0502	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
18-0503	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	B	142
18-0504	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	B	303
19-0501	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
19-0502	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
19-0503	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
19-0504	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
20-0501	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
20-0502	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
20-0503	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
20-0504	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303

MIL-PRF-39012/26, /27, /28, /29, /30

- Series TNC



CONNECTOR		INNER CONTACT		OUTER FERRULE								CABLE RG
PART NUMBER (M39012/)	TYPE	TOOL	ACCESSORY	620175 (M22520/5-01)								
				DIE	CAV	DIE	CAV	DIE	CAV	DIE	CAV	
26-0501	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
26-0502	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
26-0503	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
26-0504	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
27-0501	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
27-0502	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
27-0503	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142
27-0504	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
28-0501	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
28-0502	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
28-0503	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142
28-0504	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
29-0501	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
29-0502	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
29-0503	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142
29-0504	RECEPTACLE	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303
30-0501	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	122
30-0502	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	B	620365 (M22520/5-09)	A	620308 (M22520/5-41)	B	-	-	180
30-0503	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
30-0504	PLUG	615708 (M22520/1-01)	616407 (M22520/1-12)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	303

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

MIL-PRF-39012/35, /36, /38, /39, /40

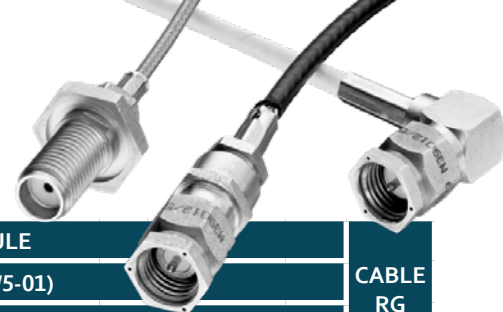
- Series SC



CONNECTOR		INNER CONTACT		OUTER FERRULE								CABLE RG
PART NUMBER (M39012/)	TYPE	TOOL	ACCESSORY	620175 (M22520/5-01)								
				DIE	CAV	DIE	CAV	DIE	CAV	DIE	CAV	
35-0501	PLUG	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	393
35-0502	PLUG	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165
35-0503	PLUG	615708 (M22520/1-01)	616409 (M22520/1-14)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
36-0501	PLUG	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	214 393
36-0502	PLUG	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165 213
36-0503	PLUG	615708 (M22520/1-01)	616409 (M22520/1-14)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 223 400
38-0501	RECEPTACLE	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	393
38-0502	RECEPTACLE	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165
38-0503	RECEPTACLE	615708 (M22520/1-01)	616409 (M22520/1-14)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
39-0501	PLUG	615708 (M22520/1-01)	616408 (M22520/1-13)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	214 393
39-0502	PLUG	615708 (M22520/1-01)	616408 (M22520/1-13)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165 213
39-0503	PLUG	615708 (M22520/1-01)	616408 (M22520/1-13)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 223 400
40-0501	RECEPTACLE	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	393
40-0502	RECEPTACLE	615708 (M22520/1-01)	616409 (M22520/1-14)	620368 (M22520/5-25)	A	620316 (M22520/5-61)	-	-	-	-	-	165
40-0503	RECEPTACLE	615708 (M22520/1-01)	616409 (M22520/1-14)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400

MIL-PRF-39012/55, /56, /57, /58, /59

- Series SMA



CONNECTOR		INNER CONTACT		OUTER FERRULE								CABLE RG
PART NUMBER (M39012/)	TYPE	TOOL	ACCESSORY	620175 (M22520/5-01)								
				DIE	CAV	DIE	CAV	DIE	CAV	DIE	CAV	
55-3502	PLUG	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
55-4502	PLUG	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
56-3502	PLUG	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
56-4502	PLUG	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
57-3502	PLUG	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
57-4502	PLUG	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
58-3502	RECEPTACLE	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
58-4502	RECEPTACLE	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
59-3502	RECEPTACLE	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400
59-4502	RECEPTACLE	615708 (M22520/1-01)	616410 (M22520/1-15)	620293 (M22520/5-05)	A	620366 (M22520/5-11)	A	620299 (M22520/5-19)	B	620369 (M22520/5-57)	A	142 400

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

Tool Selection Guide

Terminals and Splices

Astro provides Tool Selection Guides to assist operators in quickly identifying the correct tooling for connector assembly. These charts are offered as a supplemental guide and are not designed to replace any official manuals or specs. Please check official sources for the most up-to-date information.

Part Number Guide



AMT4001



620175

Terminal and Splice Identification

Insulated terminals and splices can be color coded in red, blue, clear, or yellow wire size indicator. These colors represent the wire sizes compatible with the chosen terminal or splice. The tables below indicates the correct color code and wire combination per the SAE-AS25036 and SAE-AS7928 spec.



AWG SIZE	26-24	22-18	16-14	12-10	8	6	4	2	1	0	00	000	0000
INSULATION COLOR	YELLOW	RED	BLUE	YELLOW	RED	BLUE	YELLOW	RED	CLEAR	BLUE	YELLOW	RED	BLUE

Components shown are for reference only.

SAE-AS7928/1

- Class 1 Insulated Terminals for Wire 26-10 AWG



TERMINAL PART NUMBER	WIRE (AWG)	SLEEVE COLOR	620175 SERIES DIE MIL-APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL-APPROVED
M7928/1-1	26	YELLOW W/ BLACK STRIPE	620617 (WHITE)	-
M7928/1-2	26	YELLOW W/ BLACK STRIPE	620617 (WHITE)	-
M7928/1-3	26	YELLOW W/ BLACK STRIPE	620617 (WHITE)	-
M7928/1-4	26	YELLOW W/ BLACK STRIPE	620617 (WHITE)	-
M7928/1-5	26	YELLOW W/ BLACK STRIPE	620617 (WHITE)	-
M7928/1-6	24	YELLOW W/ BLUE STRIPE	620617 (WHITE)	-
M7928/1-7	24	YELLOW W/ BLUE STRIPE	620617 (WHITE)	-
M7928/1-8	24	YELLOW W/ BLUE STRIPE	620617 (WHITE)	-
M7928/1-9	24	YELLOW W/ BLUE STRIPE	620617 (WHITE)	-
M7928/1-10	24	YELLOW W/ BLUE STRIPE	620617 (WHITE)	-
M7928/1-11	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-12	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-13	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-14	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-15	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-16	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-17	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-18	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-19	22	RED W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-20	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-21	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-22	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-23	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-24	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-25	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-26	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-27	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-28	20	RED W/ RED STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-29	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-30	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-31	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-32	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-33	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-34	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-35	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-36	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/1-37	18	RED W/ WHITE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)

*Mil-approved die set not listed on AS7928/1 spec.

Wire ranges and pictures are for reference only. Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

SAE-AS7928/1

- Class 1 Insulated Terminals for Wire 26-10 AWG



TERMINAL PART NUMBER	WIRE (AWG)	SLEEVE COLOR	620175 SERIES DIE MIL-APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL-APPROVED
M7928/1-38	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-39	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-40	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-41	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-42	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-43	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-44	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-45	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-46	16	BLUE W/ BLUE STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-47	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-48	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-49	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-50	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-51	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-52	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-53	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-54	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-55	14	BLUE W/ GREEN STRIPE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/1-56	12	YELLOW W/YELLOW STRIPE	620617 (YELLOW)	-
M7928/1-57	12	YELLOW W/YELLOW STRIPE	620617 (YELLOW)	-
M7928/1-58	12	YELLOW W/YELLOW STRIPE	620617 (YELLOW)	-
M7928/1-59	12	YELLOW W/YELLOW STRIPE	620617 (YELLOW)	-
M7928/1-60	12	YELLOW W/YELLOW STRIPE	620617 (YELLOW)	-
M7928/1-61	12	YELLOW W/YELLOW STRIPE	620617 (YELLOW)	-
M7928/1-62	12	YELLOW W/YELLOW STRIPE	620617 (YELLOW)	-
M7928/1-63	10	YELLOW W/ BROWN STRIPE	620617 (YELLOW)	-
M7928/1-64	10	YELLOW W/ BROWN STRIPE	620617 (YELLOW)	-
M7928/1-65	10	YELLOW W/ BROWN STRIPE	620617 (YELLOW)	-
M7928/1-66	10	YELLOW W/ BROWN STRIPE	620617 (YELLOW)	-
M7928/1-67	10	YELLOW W/ BROWN STRIPE	620617 (YELLOW)	-
M7928/1-68	10	YELLOW W/ BROWN STRIPE	620617 (YELLOW)	-
M7928/1-69	10	YELLOW W/ BROWN STRIPE	620617 (YELLOW)	-

*Mil-approved die set not listed on AS7928/1 spec.
Wire ranges and pictures are for reference only.

SAE-AS7928/4

- Class 1 Insulated Terminals for Wire 26-10 AWG



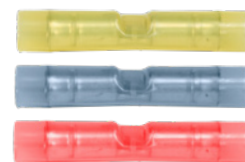
TERMINAL PART NUMBER	WIRE (AWG)	STRIPE COLOR	620175 SERIES DIE MIL-APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL-APPROVED
M7928/4-143	26-24	YELLOW	620617 (WHITE)	-
M7928/4-144	26-24	YELLOW	620617 (WHITE)	-
M7928/4-145	26-24	YELLOW	620617 (WHITE)	-
M7928/4-146	26-24	YELLOW	620617 (WHITE)	-
M7928/4-147	26-24	YELLOW	620617 (WHITE)	-
M7928/4-101	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-102	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-103	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-104	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-105	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-148	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-149	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-150	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-151	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-159	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/4-106	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-107	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-108	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-109	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-110	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-152	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-153	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-154	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-155	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/4-111	12-10	YELLOW	620617 (YELLOW)	-
M7928/4-112	12-10	YELLOW	620617 (YELLOW)	-
M7928/4-113	12-10	YELLOW	620617 (YELLOW)	-
M7928/4-114	12-10	YELLOW	620617 (YELLOW)	-
M7928/4-156	12-10	YELLOW	620617 (YELLOW)	-
M7928/4-157	12-10	YELLOW	620617 (YELLOW)	-
M7928/4-158	12-10	YELLOW	620617 (YELLOW)	-

*Mil-approved die set not listed on AS7928/4 spec.

Wire ranges and pictures are for reference only. Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

SAE-AS7928/5

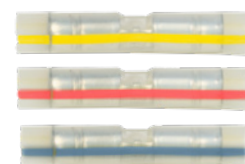
- Class 1 Insulated Splices for Wire 26-10 AWG



SPLICE PART NUMBER	WIRE (AWG)	SLEEVE COLOR	620175 SERIES DIE MIL-APPROVED (MULTI CAVITY)
M7928/5-1	26-24	YELLOW	620618
M7928/5-2	24-20	CLEAR (NATURAL)	620618
M7928/5-3	22-18	RED	620617 (WHITE) OR 620618 (WIRE SIZE 22-20 ONLY)
M7928/5-4	16-14	BLUE	620617 (WHITE)
M7928/5-5	12-10	YELLOW	620617 (WHITE)

SAE-AS7928/6

- Class 1 Insulated Splices for Wire 26-10 AWG



SPLICE PART NUMBER	WIRE (AWG)	STRIPE COLOR	620175 SERIES DIE MIL-APPROVED (MULTI CAVITY)
M7928/6-1	26-24	YELLOW	620618
M7928/6-2	24-20	WHITE	620618
M7928/6-3	22-18	RED	620618 (WIRE SIZE 22-20 ONLY)
M7928/6-4	16-14	BLUE	-
M7928/6-5	12-10	YELLOW	-

SAE-AS7928/13

- Class 1 Insulated Terminals for Wire 26-10 AWG



TERMINAL PART NUMBER	WIRE (AWG)	SLEEVE COLOR	620175 SERIES DIE MIL-APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL-APPROVED
M7928/13-143	26-24	YELLOW	620617 (WHITE)	-
M7928/13-144	26-24	YELLOW	620617 (WHITE)	-
M7928/13-145	26-24	YELLOW	620617 (WHITE)	-
M7928/13-146	26-24	YELLOW	620617 (WHITE)	-
M7928/13-147	26-24	YELLOW	620617 (WHITE)	-
M7928/13-101	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-102	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-103	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-104	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-105	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-148	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-149	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-150	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)

*Mil-approved die set not listed on AS7928/13 spec.
Wire ranges and pictures are for reference only.

SAE-AS7928/13 Continued

- Class 1 Insulated Terminals for Wire 26-10 AWG



TERMINAL PART NUMBER	WIRE (AWG)	SLEEVE COLOR	620175 SERIES DIE MIL-APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL-APPROVED
M7928/13-151	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-159	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
M7928/13-106	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-107	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-108	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-109	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-110	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-152	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-153	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-154	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-155	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
M7928/13-111	12-10	YELLOW	620617 (YELLOW)	-
M7928/13-112	12-10	YELLOW	620617 (YELLOW)	-
M7928/13-113	12-10	YELLOW	620617 (YELLOW)	-
M7928/13-114	12-10	YELLOW	620617 (YELLOW)	-
M7928/13-156	12-10	YELLOW	620617 (YELLOW)	-
M7928/13-157	12-10	YELLOW	620617 (YELLOW)	-
M7928/13-158	12-10	YELLOW	620617 (YELLOW)	-

SAE-AS17143

- Class 1 Insulated Terminals, Rectangular Tongue for Wire Size 22-10 AWG



TERMINAL PART NUMBER	WIRE AWG	SLEEVE COLOR	620175 SERIES DIE MIL APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL APPROVED
MS17143-1	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) RED
MS17143-2	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS17143-3	12-10	YELLOW	620617 (YELLOW)	-
MS17143-4	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-5	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS17143-6	12-10	YELLOW	620617 (YELLOW)	-
MS17143-7	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-8	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS17143-9	12-10	YELLOW	620617 (YELLOW)	-
MS17143-10	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-11	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS17143-12	12-10	YELLOW	620617 (YELLOW)	-
MS17143-13	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-14	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS17143-15	12-10	YELLOW	620617 (YELLOW)	-

*Mil-approved die set not listed on AS7928/13 spec.
Wire ranges and pictures are for reference only.

SAE-AS17143 Continued

- Class 1 Insulated Terminals, Rectangular Tongue for Wire Size 22-10 AWG



TERMINAL PART NUMBER	WIRE AWG	SLEEVE COLOR	620175 SERIES DIE MIL APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL APPROVED
MS17143-16	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-17	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS17143-18	12-10	YELLOW	620617 (YELLOW)	-
MS17143-19	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-20	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS17143-21	12-10	YELLOW	620617 (YELLOW)	-
MS17143-22	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-23	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-24	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS17143-25	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)

SAE-AS25036

- Class 1 Insulated Terminals for Wire Size 26-24 AWG



TERMINAL PART NUMBER	WIRE SIZE	SLEEVE COLOR	620175 SERIES DIE MIL APPROVED (MULTI CAVITY)
MS25036-143	26-24	YELLOW	620617 (WHITE)
MS25036-144	26-24	YELLOW	620617 (WHITE)
MS25036-145	26-24	YELLOW	620617 (WHITE)
MS25036-146	26-24	YELLOW	620617 (WHITE)
MS25036-147	26-24	YELLOW	620617 (WHITE)

*Mil-approved set not listed on AS17143 spec.
Wire ranges and pictures are for reference only.

Please visit <https://qpldocs.dla.mil/> for a current list of qualified suppliers of connectors, terminals, and splices.

SAE-AS25036

- Class 1 Insulated Terminals for Wire Size 22-18 AWG



TERMINAL PART NUMBER	WIRE SIZE	SLEEVE COLOR	620175 SERIES DIE MIL APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL APPROVED
MS25036-101	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-102	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-103	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-104	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-105	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-148	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-149	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-150	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-151	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)
MS25036-159	22-18	RED	620617* (WHITE)	AMT4001 (M22520/40-01) (RED)

SAE-AS25036

- Class 1 Insulated Terminals for Wire Size 16-14 AWG



TERMINAL PART NUMBER	WIRE SIZE	SLEEVE COLOR	620175 SERIES DIE MIL APPROVED (MULTI CAVITY)	COMPLETE TOOL MIL APPROVED
MS25036-106	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-107	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-108	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-109	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-110	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-152	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-153	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-154	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)
MS25036-155	16-14	BLUE	620617* (WHITE)	AMT4001 (M22520/40-01) (BLUE)

SAE-AS25036

- Class 1 Insulated Terminals for Wire Size 12-10 AWG



TERMINAL PART NUMBER	WIRE SIZE	SLEEVE COLOR	620175 SERIES DIE MIL APPROVED (MULTI CAVITY)
MS25036-111	12-10	YELLOW	620617 (YELLOW)
MS25036-112	12-10	YELLOW	620617 (YELLOW)
MS25036-113	12-10	YELLOW	620617 (YELLOW)
MS25036-114	12-10	YELLOW	620617 (YELLOW)
MS25036-156	12-10	YELLOW	620617 (YELLOW)
MS25036-157	12-10	YELLOW	620617 (YELLOW)
MS25036-158	12-10	YELLOW	620617 (YELLOW)

*MIL approved tool/die set. Tool/die set not listed on AS25036 spec.
Wire ranges and pictures are for reference only.

Tool Selection Guide

Harting D and E Connectors

Astro provides Tool Selection Guides to assist operators in quickly identifying the correct tooling for connector assembly. These charts are offered as a supplemental guide and are not designed to replace any official manuals or specs. Please check official sources for the most up-to-date information.

Part Number Guide



621205

See page 14 for crimp tool information.

HARTING HAN E CONTACTS USED WITH 621205 CRIMP TOOL					
CONTACT PART NUMBER	CONTACT TYPE	WIRE SIZE (MM ²)	WIRE GAUGE (AWG)	CURRENT RATING (A)	LOCATOR
09 33 000 6107	MALE	4	12	16	09 99 000 0310
09 33 000 6207	FEMALE	4	12	16	09 99 000 0310
09 33 000 6106	MALE	3	12	16	09 99 000 0310
09 33 000 6206	FEMALE	3	12	16	09 99 000 0310
09 33 000 6102	MALE	2.5	14	16	09 99 000 0310
09 33 000 6202	FEMALE	2.5	14	16	09 99 000 0310
09 33 000 6104	MALE	1.5	16	16	09 99 000 0310
09 33 000 6204	FEMALE	1.5	16	16	09 99 000 0310
09 33 000 6105	MALE	1	18	16	09 99 000 0310
09 33 000 6205	FEMALE	1	18	16	09 99 000 0310
09 33 000 6121	MALE	0.5	20	16	09 99 000 0310
09 33 000 6220	FEMALE	0.5	20	16	09 99 000 0310

HARTING HAN D CONTACTS USED WITH 621205 CRIMP TOOL					
CONTACT PART NUMBER	CONTACT TYPE	WIRE SIZE (MM ²)	WIRE GAUGE (AWG)	CURRENT RATING (A)	LOCATOR
09 15 000 6101	MALE	1.5	16	10	09 99 000 0311
09 15 000 6201	FEMALE	1.5	16	10	09 99 000 0311
09 15 000 6106	MALE	2.5	14	10	09 99 000 0311
09 15 000 6102	MALE	1	18	10	09 99 000 0311
09 15 000 6103	MALE	0.5	20	10	09 99 000 0311
09 15 000 6203	FEMALE	0.5	20	10	09 99 000 0311
09 15 000 6104	MALE	0.14-0.37	26-22	10	09 99 000 0311
09 15 000 6204	FEMALE	0.14-0.37	26-22	10	09 99 000 0311