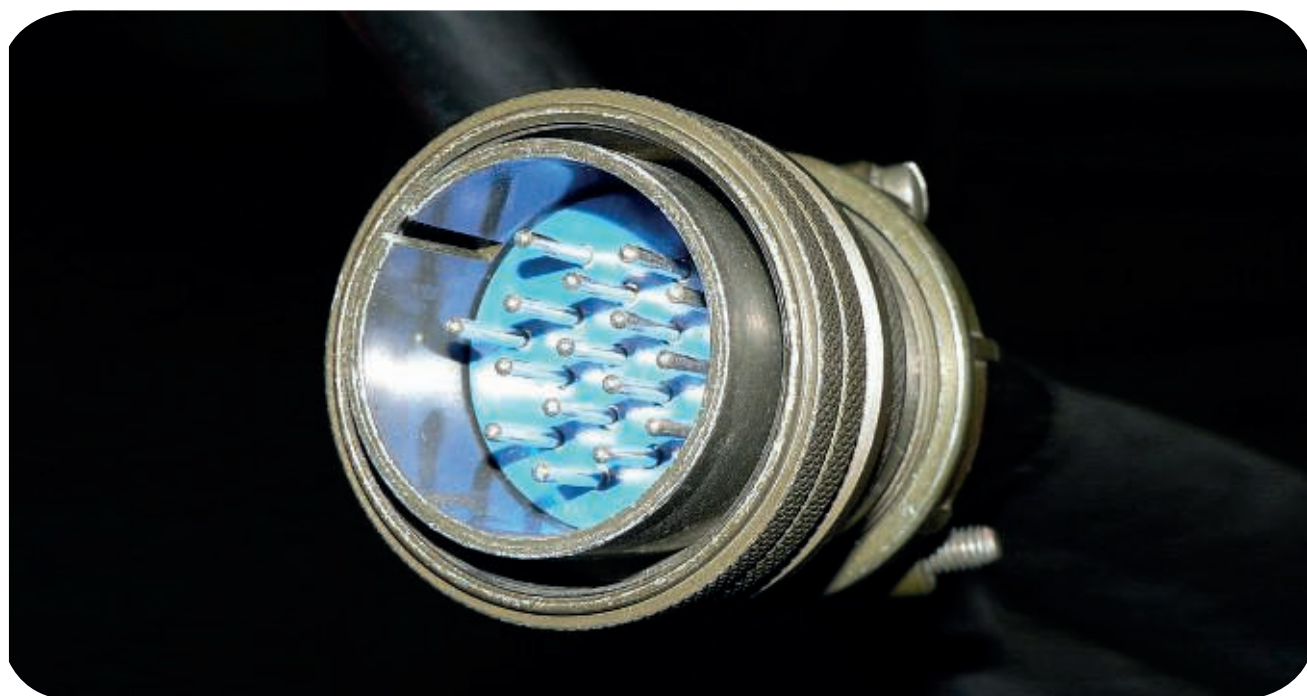


MIL-DTL-5015 Series I Solder



Apollo Aerospace Components is a franchised distributor of selected mil-specification connectors for leading QPL manufacturers. We offer a comprehensive inventory of backshells, contacts and connector accessories.

A family of heavy duty circular connectors based on the MIL-DTL-5015 form factor. They are designed for use in demanding and rugged applications in both the military and commercial sectors and used primarily for their ease of engagement and disengagement, with ability to house different types of contacts.



Product Features

- Solder type contacts
- Field proven medium to heavy weight cylindrical design
- Threaded coupling (bayonet variants available)
- Single key/keyway shell polarization.
- Signal, power, co-ax and thermocouple contacts.

Product Benefits

- Very durable proven design
- Circuit adaptable with ability to mix signal and power
- Vibration, moisture, pressure and temperature resilient
- Environmental resistant
- Broad range of proven accessories.



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MIL-DTL-5015 Series I Solder



Product technical description

Signal or power connector, quick coupling via thread with 1 to 85 contacts in approved insert arrangements, additional options up to 163 contacts in over 300 arrangements. With a variety of contact termination options together with various body styles and platings they suit a broad range of applications requiring a cost effective heavier duty interconnect. They are used extensively in harsh environment applications within the military, aerospace and commercial market sectors. (Bayonet versions also available)

- Solder terminated contacts
- 500 mating cycles
- 5 polarisation options
- 30 PSI sealing hermetic configurations.
- High power contacts size 8 too.
- 1000-7000Vrms
- Signal, power, co-ax and thermocouple variants.
- -55 to +200 deg C operating temp.
- Threaded coupling (bayonet options available).

How to order

MIL-DTL-5015 Series I Solder (example)

MS	3106	A	28	21	P	W
Military Prefix	Shell Style	Service Class	Shell Size	Contact Arrangement	Contact Style	Polarising Position

ORDERING INFORMATION

Shell Style	<p>MS3100 - Wall mount receptacle MS3101 - In-line receptacle MS3102 - Box mount receptacle MS3103 - Wall mount receptacle, potting seal MS3106 - Straight plug MS3107 - Quick disconnect plug MS3108 - 90 degree angle plug MS3142 - Box mount receptacle, hermetic seal MS3143 - Solder mount receptacle, hermetic seal MS3436 - Straight plug MS3507 - Quick disconnect plug MS25183 - Straight plug, potting seal MS25183A - Straight plug, potting seal, with ground plug</p>				
Service Class	Class	Description	Material	Finish	Temp
	A	Solid shell, non-environmental	Aluminium alloy	Cadmium, olive drab, 96 hour salt spray	+125 degC
	B	Split shell, non-environmental	Aluminium alloy	Cadmium, olive drab, 96 hour salt spray	+125 degC
	C	Pressurised	Aluminium alloy	Cadmium, olive drab, 96 hour salt spray	+125 degC
	E	Environmental, superseded by R or F	Aluminium alloy	Cadmium, olive drab, 96 hour salt spray	+125 degC
	F	R type with strain relief	Aluminium alloy	Cadmium, olive drab, 96 hour salt spray	+125 degC
	H	Hermetic	Steel	Cadmium, olive drab, 96 hour salt spray	+125 degC
	K	Firewall	Steel	Cadmium, olive drab, 96 hour salt spray	+125 degC
	M	Replaced by class E	-	-	+125 degC
	PR	Replaced by class C	-	-	+125 degC
	R	Environmental grommet seal	Aluminium alloy	Cadmium, olive drab, 96 hour salt spray	+125 degC
Shell Size	Refer to MIL-DTL-5015 specification or refer to product range on website				
Contact Arrangement	Refer to MIL-DTL-5015 specification or refer to product range on website				
Contact Style	P - Pin contact				
	S - Socket contact				
Polarising Position	BLANK (Normal), W, X, Y, Z				

<https://www.apollo-aerospace.com>