MIL-DTL-5015 Series II
Crimp Front Release

APOLLO
AEROSPACE COMPONENTS
A Division of Supply Technologies

Apollo Aerospace Components 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.
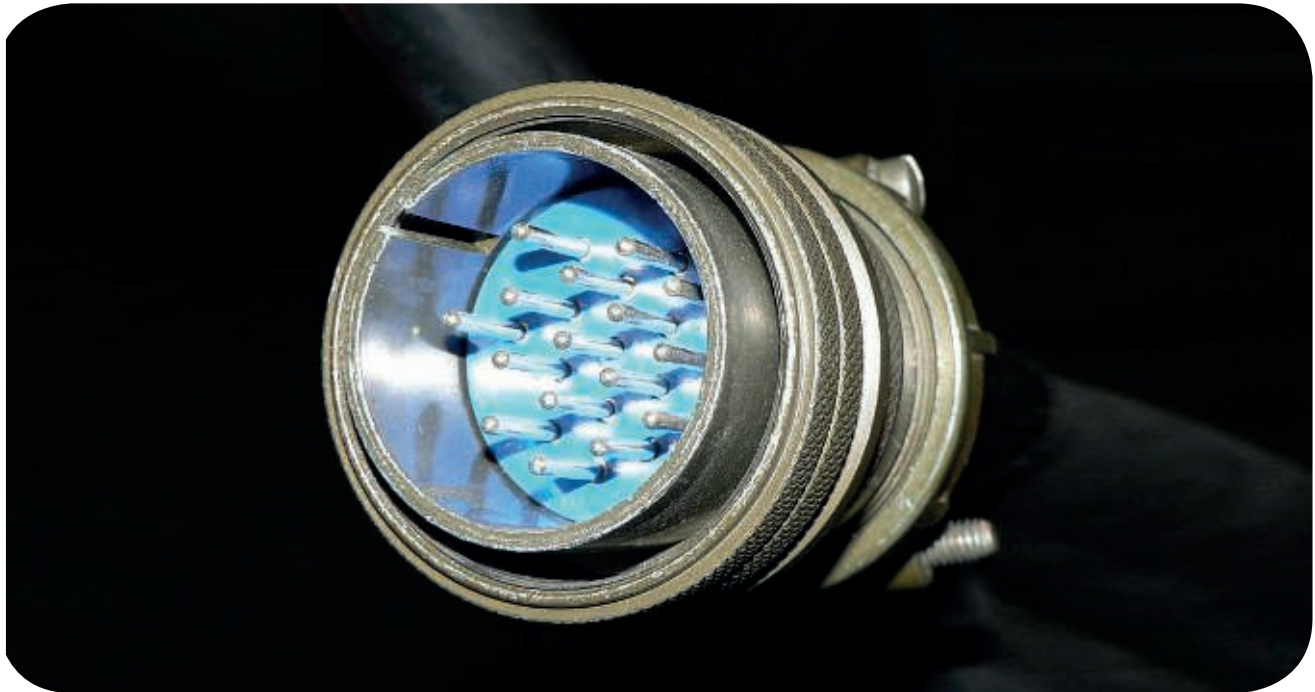
Product Features
- Crimp type contacts, front release from insulator.
- Field proven medium to heavy weight cylindrical design.
- Threaded coupling (bayonet variants available).
- Single key/keyway shell polarisation.
- Signal, power, co-ax and thermocouple contacts.

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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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)

- Crimp terminated contacts assembled
- and released from front of insulator.
- 500 mating cycles.
- 5 polarisation options.
- 30 PSI sealing hermetic configurations.
- High power contacts size 8 to 0.
- 1000-7000 V rms.
- Signal, power, co-ax and thermocouple variants.
- -55 to +200 degC operating temp. Threaded coupling (bayonet options available).

How to order

MIL-DTL-5015 Series II Crimp front realease (example)

MS	3406	D	S	28	21	P	Y
Military Prefix	Shell Style	Service Class	Shell Material	Shell Size	Contact Arrangement	Contact Style	Polarising Position

ORDERING INFORMATION

Shell Style							
	MS3400 - Wall mount receptacle						
	MS3401 - In-line receptacle						
	MS3402 - Box mount receptacle						
	MS3404 - Jam nut receptacle						
	MS3406 - Straight plug						
	MS3408 - 90 degC plug						
	NS3409 - 45 degC plug						
	MS3412 - Box mount receptacle with threaded rear skirt						

Service Class	Class	Code	Material	Finish		Application	Temp
	D	Blank	Wrought aluminium	Cadmium, olive drab, 500 hour salt spray		High shock	-55 to +175 degC
	DJ	Blank	Wrought aluminium	Cadmium, olive drab, 500 hour salt spray		High shock env.	-55 to +175 degC
	DJ	S	Stainless	Cadmium, black		High shock env.	-55 to +175 degC
	D	S	Stainless	Cadmium, black		High shock	-55 to +175 degC
	K	Blank	Carbon steel	Electroless nickel		Firewall	-55 to +175 degC
	K	S	Stainless	Passivated		Firewall	-55 to +175 degC
	K	T	Carbon steel	Cadmium, olive drab, 96 hour		Firewall	-55 to +175 degC
	L	Blank	Aluminium	Electroless nickel		High temperature	-55 to +200 degC
	L	S	Stainless	Passivated		High temperature	-55 to +200 degC
	U	Blank	Aluminium	Electroless nickel		High temperature	-55 to +200 degC
	U	S	Stainless	Passivated		High temperature	-55 to +200 degC
	W	Blank	Aluminium	Cadmium, olive drab, 500 hour salt spray		General purpose	-55 to +175 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	**A** - Pin inserts, less contacts
	B - Socket insert, less contacts
	P - Pin contacts
	S - Socket contacts
Polarising Position	**BLANK (Normal), W, X, Y, Z**

https://www.apollo-aerospace.com