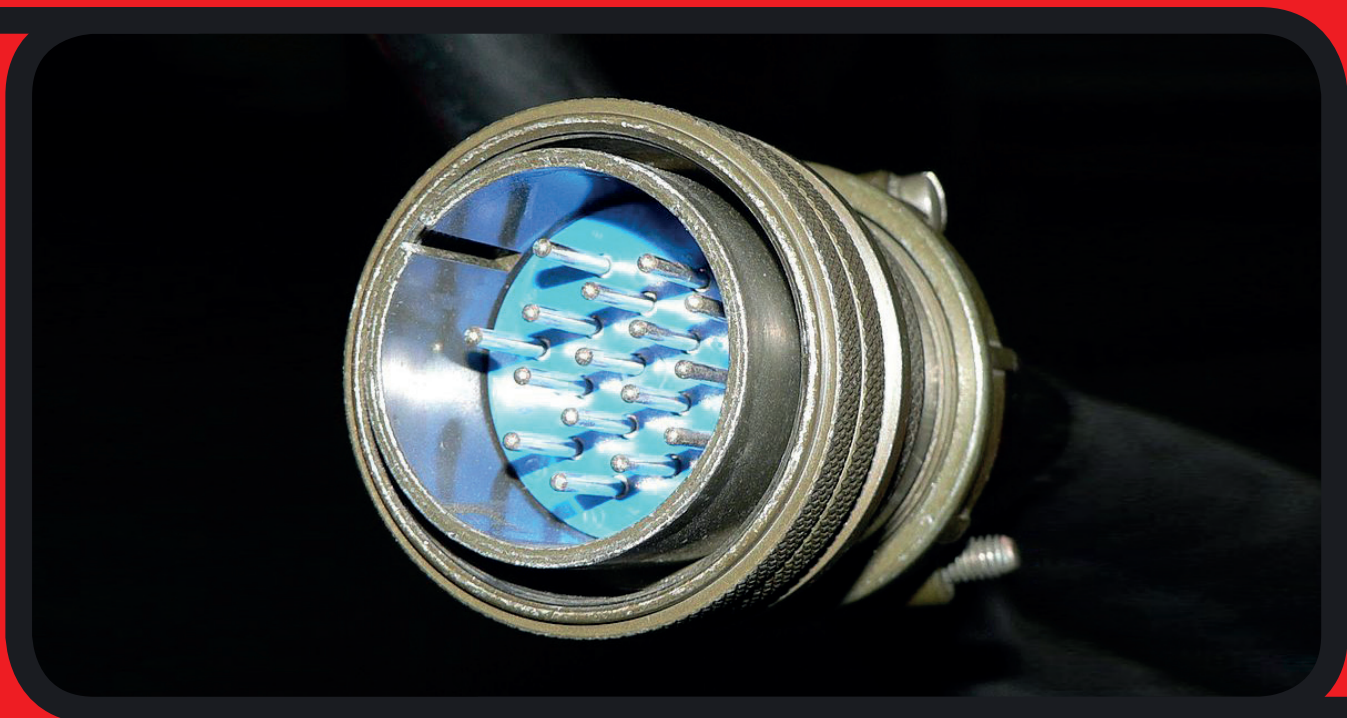


# MIL-DTL-5015 Series III Crimp Rear Release



NYK Component Solutions are 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

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

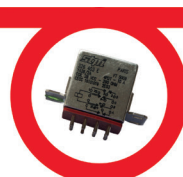
## Product Benefits

- σ Very durable proven design.
- σ Circuit adaptable with ability to mix signal and power.
- σ Vibration, moisture, pressure and temperature resilient.
- σ Environmental resistant.
- σ Broad range of proven accessories.
- σ Reduces possible contact assembly damage to front of insulator.

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# MIL-DTL-5015

## Series III Crimp Rear Release



### 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)

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

### How to order

MIL-DTL-5015 Series III Crimp Rear Release (example)

<b>MS</b>	<b>3450</b>	<b>K</b>	<b>S</b>	<b>28</b>	<b>21</b>	<b>P</b>	<b>Y</b>
Military Prefix	Shell Style	Service Class	Shell Material	Shell Size	Contact Arrangement	Contact Style	Polarising Position

#### ORDERING INFORMATION

<b>Shell Style</b>	<b>MS3450</b> - Wall mount receptacle <b>MS3451</b> - In-line receptacle <b>MS3452</b> - Box mount receptacle <b>MS3454</b> - Jam nut receptacle <b>MS3456</b> - Straight plug <b>NS3459</b> - Straight plug, self-locking coupling nut					
<b>Service Class</b>	<b>Class</b>	<b>Code</b>	<b>Material</b>	<b>Finish</b>	<b>Application</b>	<b>Temp</b>
	<b>K</b>	<b>T</b>	Carbon steel	Electroless nickel	Firewall	-55 to +175 degC
	<b>KS</b>	<b>S</b>	Stainless	Passivated	Firewall	-55 to +175 degC
	<b>KT</b>	<b>T</b>	Carbon steel	Cadmium olive drab. 96 hour	Firewall	-55 to +175 degC
	<b>L</b>	<b>Blank</b>	Aluminium	Electroless nickel	High temperature	-55 to +200 degC
	<b>LS</b>	<b>S</b>	Stainless	Passivated	High temperature	-55 to +200 degC
	<b>U</b>	<b>Blank</b>	Aluminium	Electroless nickel	High temperature	-55 to +200 degC
	<b>US</b>	<b>S</b>	Stainless	Passivated	High temperature	-55 to +200 degC
	<b>W</b>	<b>Blank</b>	Aluminium	Cadmium olive drab. 96 hour	General purpose	-55 to +175 degC
<b>Shell Size</b>	Refer to MIL-DTL-5015 specification or refer to product range on NYK website					
<b>Contact Arrangement</b>	Refer to MIL-DTL-5015 specification or refer to product range on NYK website					
<b>Contact Style</b>	<b>A</b> - Pin inserts, less contacts <b>B</b> - Socket insert, less contacts <b>P</b> - Pin contacts <b>S</b> - Socket contacts					
<b>Polarising Position</b>	<b>BLANK (Normal), W, X, Y, Z</b>					

<https://www.nykcs.com/mil-dtl-5015-mil-c-5015-connectors/>