

**MG 01F 28L-50S SPL AA-3999**

NSN 5935-66-147-0145

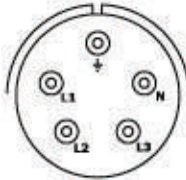
Mfd. By ALLIED ELECTRONICS CORPN. - INDIA



NOTE: Image displayed above is for illustration purposes only. It may not represent actual item detailed on this data sheet.

MG 01F 28L-50S SPL AA-3999 is an in-line circular bayonet coupling connector. It is used to extend a length of cable when connected to its mating half. It has 5 female contacts, one contact is a dedicated earth contact and is positively connected to the body of the connector. The connector will mate with a straight plug (06) style and with right angle (08) plug. The connector is supplied with a metal dust cap with sash chain fixture. **This connector has been certified by the Chief Electrical Inspector of Victoria for use in a low voltage electrical installation. Certificate N° 05362/0**

Illustration below shows front face of connector – NOT TO SCALE



Insert Specification	28L-50S
Total No. of Contacts	5 Female
Contact Size	8 AWG

For full dimensional details, see DRG. NO: 101 075 04 28 185

Designed to JSS 50815 (Dept. of Defence Govt. of India), equivalent to VG 95234, and to meet requirements of AS / NZS 3123:2000

Shell Housing, Cable adapter, Taper ring, Clamp body, Clamp Ferrule, and Dust cap (Finish)	Aluminum Alloy (Olive Drab Cadmium Plating)
Insulator, Insulating sleeve, Insulating Grommet and Clamp grommet	Polychloroprene
Grommet cover	Polyamide
Contacts	Copper Base Alloy - Silver Plated
'O' Ring	Neoprene
Grounding Rivet Pin	Stainless Steel
Operating Temperature (JSS Rfq.)	-55°C to +125°C
Damp Heat (JSS Rfq.)	H 13
Air Pressure (Low) (JSS Rfq.)	P 17 : 4.4 kPa
Acceleration (Steady State) (JSS Rfq.)	A 10 : 170 m/s ²
Impact (Shock) (JSS Rfq.)	S 12 : 500 m/s ² , 11ms
Vibration (JSS Rfq.)	V 14 : 10 to 2000Hz; 200m/s ² (max.)
Cable Termination	Solder
Insulation Resistance (JSS Rfq.)	Min 5000 Meg Ohms at 500 V DC
Rated Working Voltage – AC	240/415 V
Rated Current per contact – Amps (JSS Rfq.)	46 A
Rated Current (Connector) – Amps (JSS Rfq.)	40 A
Test Voltage – AC (JSS Rfq.)	2000 V AC rms
Wire Size	2.5 to 3.15 mm



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