



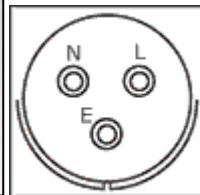
MG 06GM 20L-315S-20/16-AA3999

Mfd. By ALLIED ELECTRONICS CORPN. – INDIA

MG 06GM 20L-315S-20/16-AA 3999 is a circular bayonet coupling connector. It is a straight plug with three female contacts suitable to mate with MG 01R 20L-315P-AA-3999. One contact is a dedicated earthing contact with mate first / break last features, and is positively connected to the body. The connector body is fitted with 360° grounding fingers on the body and with a 'M' style backshell suitable for screen termination and a shrink boot. It is supplied with a metal dust cap with olive green nylon rope, 350mm long, unterminated.



This connector has been certified by the Chief Electrical Inspector of Victoria for use in a low voltage electrical installation. Certificate N° 05321/1
Illustration below shows front face of connector – NOT TO SCALE



Insert Specification	20L-315S
Total No. of Contacts	3 Female
Contact Size	12 AWG

For full dimensional details, see DRG. NO: 101 075 01 20 336

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 & Finish	Aluminum Alloy with Olive Drab Cadmium Plating
Dust Cap	Aluminum Alloy with Olive Drab Cadmium Plating
Insulator	Polychloroprene
Contact (Phase-L & Neutral-N)	Copper Base Alloy - Silver Plated
Contact (Earth-E)	Copper Base Alloy - Flash Gold Plated
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 V
Rated Current per contact – Amps (JSS Rfq.)	23 A
Rated Current (Connector) – Amps	15 A
Test Voltage – AC (JSS Rfq.)	1600 V AC rms
Wire Size	1.6 to 2.0 mm Diameter (2.5 sqmm.)



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