



## MG 00R 20L-315P-AA3999

Mfd. By ALLIED ELECTRONICS CORPN. - INDIA



NOTE: Image displayed above is for illustration purposes only.

MG 00R 20L-315P-AA 3999 is a circular bayonet coupling connector. It is a front of panel mounting receptacle with jam nut mounting hex nut. It has 3 male contacts, one contact is a dedicated earth contact with mate-first/break-last features, 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 olive green nylon lanyard, 150 mm long terminated with a M3 eyelet.

This connector has been certified by the Chief Electrical Inspector of Victoria for use in a low voltage electrical installation. Certificate N° 05321/3

Illustration below shows front face of connector – NOT TO SCALE

|  |                              |          |
|--|------------------------------|----------|
|  | <b>Insert Specification</b>  | 20L-315P |
|  | <b>Total No. of Contacts</b> | 3 Male   |
|  | <b>Contact Size</b>          | 12 AWG   |

For full dimensional details, see DRG. NO: 101 075 01 20 348

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

|  |   |
|--|---|
| <b>Shell Housing &amp; Finish</b><br><b>Dust Cap</b><br><b>Insulator</b><br><b>Contact (Phase-L &amp; Neutral-N)</b><br><b>Contact (Earth-E)</b> | Aluminum Alloy with Olive Drab Cadmium Plating<br>Aluminum Alloy with Olive Drab Cadmium Plating<br>Polychloroprene<br>Copper Base Alloy - Silver Plated<br>Copper Base Alloy - Flash Gold Plated |
| <b>Operating Temperature</b> (JSS Rfq.)  | -55°C to +125°C   |
| <b>Damp Heat</b> (JSS Rfq.)  | H 13  |
| <b>Air Pressure (Low)</b> (JSS Rfq.)   | P 17 : 4.4 kPa  |
| <b>Acceleration (Steady State)</b> (JSS Rfq.)  | A 10 : 170 m/s <sup>2</sup>   |
| <b>Impact (Shock)</b> (JSS Rfq.)   | S 12 : 500 m/s <sup>2</sup> , 11ms  |
| <b>Vibration</b> (JSS Rfq.)  | V 14 : 10 to 2000Hz; 200m/s <sup>2</sup> (max.)   |
| <b>Cable Termination</b>   | Solder  |
| <b>Insulation Resistance</b> (JSS Rfq.)  | Min 5000 Meg Ohms at 500 V DC   |
| <b>Rated Working Voltage – AC</b>  | 240 V   |
| <b>Rated Current per contact – Amps</b> (JSS Rfq.)   | 23 A  |
| <b>Rated Current (Connector) – Amps</b>  | 15 A  |
| <b>Test Voltage – AC</b> (JSS Rfq.)  | 1600 V AC rms   |
| <b>Wire Size</b>   | 1.6 to 2.0 mm Diameter  |



VGL IMPEX PTY LTD ABN 28 007 143 259 T/A

# ALLIED CONNECTORS

27 Station Street, Dandenong VIC 3175 AUSTRALIA

T + 61 (3) 9793 4666  
 F + 61 (3) 9706 7010  
 W [www.alliedconnectors.com](http://www.alliedconnectors.com)  
 E [sales@alliedconnectors.com](mailto:sales@alliedconnectors.com)