Data Sheet



Coaxial Panel Connector 12_BMA-50-0-3/199_N

Description

Straight bulkhead receptacle plug

Interface standards IEC 60169-33 MIL-STD-348A/321



Technical Data

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & \mbox{50} \ \Omega \\ \mbox{Interface frequency max.} & \mbox{18 GHz} \end{array}$

Mechanical Data

Number of matings 1000 Weight 0.0012 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 125 °C compliant

Material Data

| Piece Parts | Material | Surface Plating |
|----------------|------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact | Stainless Steel | |
| Body | Stainless Steel | |
| Insulator | PFA / PTFE | |
| Gasket | NR (Natural Rubber) | |

Related Documents

Catalogue drawingDCA-00010506Assembly instructionDOC-0000277952Mounting holeDOU-00010507

Ordering Information

Single package 12_BMA-50-0-3/199_NE

Remarks

Hermetic sealed connector without glass bead supplement 73_Z-0-0-198 (1E-8 Torr I/s or cc/s at 1 atm), system leak rate indication: up to 1E-8 Torr I/s dependent on customers process execution. For fixing hermetic seal while soldering, tool 74_Z-0-0-211 is recommended. Recommended tool: collet chuck and trorque wrench Radiall R282.340.000, diam. 5.3 mm, 280 Ncm.

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