### **Data Sheet**



# Coaxial Panel Connector 12\_SK-50-0-51/199\_N

#### **Description**

Straight bulkhead receptacle plug

Interface standards MIL-STD-348A/323



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \text{Impedance} & 50~\Omega \\ \text{Interface frequency max.} & 40~\text{GHz} \end{array}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0037 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -40 °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      | PPE (Polyphenylene ether, PPO) |                                   |
| Coupling nut   | Stainless Steel                |                                   |
| Gasket         | VMQ (Silicone rubber)          |                                   |

#### **Related Documents**

| DOU-00011613   |
|----------------|
| DCA-00011615   |
| DOC-0000187736 |
| DOU-00010443   |
|                |

#### **Ordering Information**

Single package 12\_SK-50-0-51/199\_NE

#### Remarks

Hermetic sealed connector without glass bead supplement 73\_Z-0-0-203 (1E-8 Torr l/s or cc/s at 1 atm), system leak rate dependent on customers process execution. For fixing hermetic seal while soldering, tool 74\_Z-0-0-226 is recommended.

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