

# COAXIAL CONNECTOR, SMB, 50 Ohm, Straight bulkhead receptacle, jack (female)

22\_SMB-50-0-5/111\_N

## Properties

- Snap-on mechanism provides a fast and reliable connection
- Ideal for applications with high packaging density
- Applicable in frequencies up to 4 GHz



| Product configuration |        |                                          |
|-----------------------|--------|------------------------------------------|
| Interface type        | Gender | Standard                                 |
| SMB                   | jack   | IEC 60169-10_MIL-STD-348A/311_CECC 22130 |

| Interface and material data |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| Piece parts                 | Material               | Plating                           |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor             | Brass                  | Gold Plating (Nickel underplated) |
| Body                        | Brass                  | Gold Plating (Nickel underplated) |
| Insulator                   | PFA / PTFE             |                                   |

| Electrical data     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 4 GHz       |

| Mechanical data |                         |
|-----------------|-------------------------|
| Weight          | 0.0014 kg               |
| Mating cycles   | 500                     |
| Flange type     | round flange / dia. 5.8 |
| Tab style       | Standard                |

| Engagement / Disengagement force |            |               |
|----------------------------------|------------|---------------|
|                                  | Engagement | Disengagement |
| Interface force min              | 8 N        | 8 N           |
| Interface force max              | 63 N       | 63 N          |

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| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22640209            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
|                     | REACH 1907/2006 Article 33 SVHC   | Contains one or more SVHC >0,1% | 7a                   |
|                     |                                   |                                 | CAS: 7439-92-1 Lead  |

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 22640209                   | 22_SMB-50-0-5/111_NE | Single         |

| Additional Information |                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Remarks                | Hermetically sealed: leak rate $\leq 10^{-8}$ Torr l/s (atm cc/s) dependent on seal processing Panel sealing: laser beam welding |

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