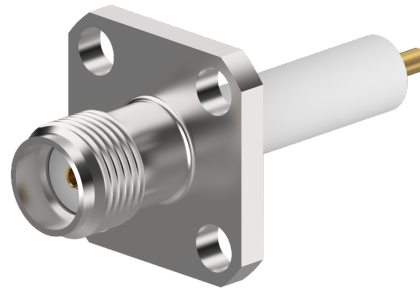


# COAXIAL CONNECTOR, SMA, 50 Ohm, Straight panel receptacle, jack (female), flange mount

23\_SMA-50-0-53/199\_N

## Properties

- Excellent return loss
- Intermateable with PC3.5 and SK
- Applicable in frequencies up to 18 GHz



| Product configuration |        |                                          |
|-----------------------|--------|------------------------------------------|
| Interface type        | Gender | Standard                                 |
| SMA                   | jack   | IEC 60169-15_MIL-STD-348A/310_CECC 22110 |

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

| Electrical data     |        |
|---------------------|--------|
| Impedance           | 50 Ω   |
| Interface frequency | 18 GHz |

| Mechanical data |                             |
|-----------------|-----------------------------|
| Weight          | 0.0031 kg                   |
| Mating cycles   | 500                         |
| Flange type     | square flange / 12.7 X 12.7 |
| Tab style       | Standard                    |

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

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| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22641394            | 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% | CAS: 7439-92-1 Lead  |
| 22649843            | 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% | CAS: 7439-92-1 Lead  |

| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 22641394                   | 23_SMA-50-0-53/199_NE | Single         |
| 22649843                   | 23_SMA-50-0-53/199_NH | Bulk 100 pcs   |

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