

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

22\_SMA-50-0-15/111\_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 | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Body            | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Insulator       | PFA / PTFE             |                                   |

## Electrical data

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

## Mechanical data

|               |                       |
|---------------|-----------------------|
| Weight        | 0.0018 kg             |
| Mating cycles | 500                   |
| Flange type   | round flange / others |
| Tab style     | Standard              |

## Environmental data

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

## Ordering Information Table

|             |                       |                |
|-------------|-----------------------|----------------|
| Item number | Item description      | Packaging type |
| 22544588    | 22_SMA-50-0-15/111_NE | Single         |

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| Additional Information |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Remarks                | Hermetically sealed: leak rate &lt;= 10^-8 Torr l/s (atm cc/s) dependent on seal processing Panel sealing: laser beam welding |

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