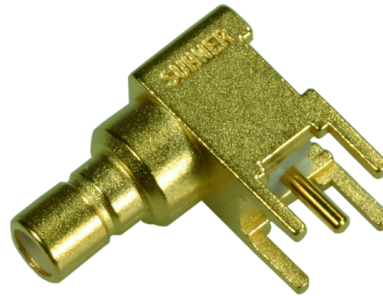


**COAXIAL CONNECTOR, SMB, 50 Ohm, Right angle PCB jack (female)**

85\_SMB-Z50-0-19/111\_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  | Brass      | Gold Plating (Nickel underplated) |
| Outer conductor | Zinc Alloy | SUCOPRO Plating                   |
| Body            | Zinc Alloy | SUCOPRO Plating                   |
| Insulator       | PFA / PTFE |                                   |

**Electrical data**

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

**Mechanical data**

|                        |               |
|------------------------|---------------|
| Weight                 | 0.0021 kg     |
| Mating cycles          | 500           |
| Board mounting type    | through holes |
| Number of printlegs    | 4             |
| Height above PCB HA    | 8.6 mm        |
| Height of stand off HS | 0.5 mm        |

**Engagement / Disengagement force**

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

**COAXIAL CONNECTOR, SMB, 50 Ohm, Right angle PCB jack (female)**

85\_SMB-Z50-0-19/111\_N

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -40 °C ... 100 °C |

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 84041359            | 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  |
| 23010999            | 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 |
| 84041359                   | 85_SMB-Z50-0-19/111_NE | Single         |
| 23010999                   | 85_SMB-Z50-0-19/111_NH | Bulk 100 pcs   |

| Additional Information |                               |
|------------------------|-------------------------------|
| Remarks                | PCB connector with stand-offs |

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