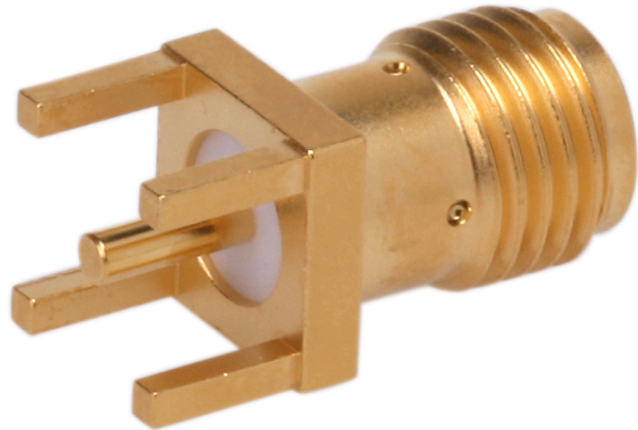


**COAXIAL CONNECTOR, SMA, 50 Ohm, Straight PCB jack (female)**

82\_SMA-50-0-1/111\_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 $\Omega$ |
| Interface frequency | 18 GHz      |

| Mechanical data        |               |
|------------------------|---------------|
| Weight                 | 0.0013 kg     |
| Mating cycles          | 500           |
| Board mounting type    | through holes |
| Number of printlegs    | 4             |
| Height above PCB HA    | 9.5 mm        |
| Height of stand off HS | 0 mm          |

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

**COAXIAL CONNECTOR, SMA, 50 Ohm, Straight PCB jack (female)**

82\_SMA-50-0-1/111\_N

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 22543359                   | 82_SMA-50-0-1/111_NE | Single         |
| 22644334                   | 82_SMA-50-0-1/111_NH | Bulk 100 pcs   |

| Additional Information |                                  |
|------------------------|----------------------------------|
| Remarks                | PCB connector without stand-offs |

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.  
DOCUMENT PIM-P1314 / Date of publication: 26.11.2023 / uncontrolled copy