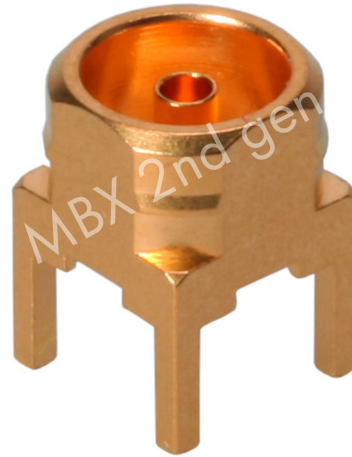


**COAXIAL CONNECTOR, MBX, 50 Ohm, Straight PCB jack (female)**

82\_MBX-50-0-28/111\_N

**Properties**

- Very high axial float – best in class
- Excellent return loss values
- Blind mateable
- Reliable and secure connection



| Product configuration |        |                  |
|-----------------------|--------|------------------|
| Interface type        | Gender | Standard         |
| MBX                   | jack   | HUBER+SUHNER MBX |

| Interface and material data |                              |                 |
|-----------------------------|------------------------------|-----------------|
| Piece parts                 | Material                     | Plating         |
| Centre contact              | Brass                        | SUCOPRO Plating |
| Outer conductor             | Brass                        | SUCOPRO Plating |
| Body                        | Brass                        | SUCOPRO Plating |
| Insulator                   | LCP (Liquid crystal polymer) |                 |

| Electrical data     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 6 GHz       |

| Mechanical data        |               |
|------------------------|---------------|
| Weight                 | 0.00072 kg    |
| Mating cycles          | 100           |
| Board mounting type    | through holes |
| Number of printlegs    | 4             |
| Height above PCB HA    | 5 mm          |
| Height of stand off HS | 0.55 mm       |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -55 °C ... 155 °C |

COAXIAL CONNECTOR, MBX, 50 Ohm, Straight PCB jack (female)  
82\_MBX-50-0-28/111\_N

| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 85018976                   | 82_MBX-50-0-28/111_NE | Single         |
| 85018972                   | 82_MBX-50-0-28/111_NH | Bulk 100 pcs   |
| 85018970                   | 82_MBX-50-0-28/111_NM | Tape and Reel  |

| Additional Information |                               |
|------------------------|-------------------------------|
| Remarks                | PCB connector with 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-P1354 / Date of publication: 29.08.2024 / uncontrolled copy