

COAXIAL CONNECTOR, MBX, 50 Ohm, Straight PCB jack (female)  
82\_MBX-S50-0-23/111\_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                        | Gold Plating (Nickel underplated) |
| Outer conductor             | Brass                        | Gold Plating (Nickel underplated) |
| Body                        | Brass                        | Gold Plating (Nickel underplated) |
| Insulator                   | LCP (Liquid crystal polymer) |                                   |

| Electrical data     |       |
|---------------------|-------|
| Impedance           | 50 Ω  |
| Interface frequency | 6 GHz |

| Mechanical data        |               |
|------------------------|---------------|
| Weight                 | 0.000632 kg   |
| Mating cycles          | 100           |
| Board mounting type    | surface mount |
| Height above PCB HA    | 5 mm          |
| Height of stand off HS | 0.55 mm       |

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

| Ordering Information Table |                        |                |
|----------------------------|------------------------|----------------|
| Item number                | Item description       | Packaging type |
| 85018772                   | 82_MBX-S50-0-23/111_NE | Single         |
| 85018773                   | 82_MBX-S50-0-23/111_NH | Bulk 100 pcs   |

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**Ordering Information Table**

|          |                        |               |
|----------|------------------------|---------------|
| 85015265 | 82_MBX-S50-0-23/111_NM | Tape and Reel |
|----------|------------------------|---------------|

**Additional Information**

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

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DOCUMENT PIM-P1349 / Date of publication: 26.11.2023 / uncontrolled copy