

## Coaxial PCB Connector 1x8A\_81\_MXP-S50-0-1/111\_N

### Description

Straight PCB plug Pin-in-hole/SMT

Interface Standards

HUBER+SUHNER MXP STD (Patent US 8,360,807)



### Technical Data

#### Electrical Data

|                          |                |
|--------------------------|----------------|
| Impedance                | 50 $\Omega$    |
| Interface frequency max. | 40 GHz         |
| Frequency range          | DC to 22.5 GHz |
| Return loss              | $\geq 20$ dB   |

#### Mechanical Data

|                     |                   |
|---------------------|-------------------|
| Board mounting type | pin-in-hole / SMT |
| Weight              | 0.0071 kg         |

#### Environmental Data

|  |                 |
|--|-----------------|
| Operating temperature                                | -55 °C to 85 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant       |

#### Material Data

| Piece Parts    | Material                     | Surface Plating |
|----------------|------------------------------|-----------------|
| Centre contact | Copper Beryllium Alloy       | SUCOPRO Plating |
| Outer contact  | Bronze                       | SUCOPRO Plating |
| Body           | Brass                        | SUCOPRO Plating |
| Insulator      | PEEK (Polyether-etherketone) |                 |

### Related Documents

|                   |              |
|-------------------|--------------|
| Outline drawing   | DOU-00145659 |
| Catalogue drawing | DCA-00160728 |

### Ordering Information

|                       |                            |
|-----------------------|----------------------------|
| Single package        | 1x8A_81_MXP-S50-0-1/111_NE |
| Tape and Reel package | 1x8A_81_MXP-S50-0-1/111_NM |

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