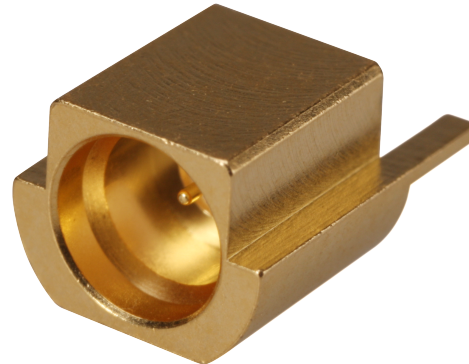


# COAXIAL CONNECTOR, SMP, 50 Ohm, Edge mount PCB plug (male), Smooth Bore

91\_SMP-50-0-S1/111\_N

## Properties

- HUBER+SUHNER SMP connectors provide a robust, proven and fully compatible plug-in solution for applications up to 40 GHz.
- High reliability and ease of assembly
- MIL qualified



| Product configuration |        |                 |
|-----------------------|--------|-----------------|
| Interface type        | Gender | Standard        |
| SMP                   | plug   | MIL-STD-348 SMP |

| 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                   | PTFE (Polytetrafluoroethylene) |                                   |

| Electrical data     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 40 GHz      |

| Mechanical data     |            |
|---------------------|------------|
| Weight              | 0.001 kg   |
| Mating cycles       | 1000       |
| Board mounting type | edge mount |
| Height above PCB HA | 2.39 mm    |

| Engagement / Disengagement force |            |               |
|----------------------------------|------------|---------------|
|                                  | Engagement | Disengagement |
| Interface force max              | 8.9 N      | 2.22 N        |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -55 °C ... 125 °C |

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| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 80377835            | 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 |
| 80377835                   | 91_SMP-50-0-S1/111_NE | Single         |

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.  
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