

**COAXIAL CONNECTOR, PC 2.4, 50 Ohm, Straight PCB jack (female)**

82\_PC24-S50-0-201/199\_N

**Properties**

- For stripline configurations
- Fast and easy installation
- Precision testing up to 50 GHz
- Reusable design
- Mechanical intermateable with PC 1.85 (1.85 mm standard)



| Product configuration |        |              |
|-----------------------|--------|--------------|
| Interface type        | Gender | Standard     |
| PC 2.4                | jack   | MIL-STD-348B |

| Interface and material data |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| Piece parts                 | Material               | Plating                           |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Body                        | Stainless steel        | Passivated (Plating)              |
| Insulator                   | PEI (Polyether-imide)  |                                   |

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

| Electrical Data (frequency related) |             |      |
|-------------------------------------|-------------|------|
| Frequency range                     | Return loss | VSWR |
| 0 GHz ... 50 GHz                    | 20 dB       | 1.22 |

| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0024 kg |
| Mating cycles   | 500       |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -40 °C ... 165 °C |

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| Material compliance |                                   |                             |                      |
|---------------------|-----------------------------------|-----------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                      | Exemptions / Details |
| 85221624            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant without exemption |                      |
|                     | REACH 1907/2006 Article 33 SVHC   | Free of SVHC >0,1%          |                      |

| Ordering Information Table |                          |
|----------------------------|--------------------------|
| Item number                | Item description         |
| 85221624                   | 82_PC24-S50-0-201/199_NE |

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