

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

82\_BNC-50-0-1/111\_N

**Properties**

- Useful for frequently coupled and uncoupled connections
- Available for 50 ohm and 75 ohm applications
- Applicable in frequencies up to 4 GHz



| Product configuration |        |                                         |
|-----------------------|--------|-----------------------------------------|
| Interface type        | Gender | Standard                                |
| BNC                   | jack   | IEC 60169-8_MIL-STD-348A/301_CECC 22120 |

| Interface and material data |                        |                 |
|-----------------------------|------------------------|-----------------|
| Piece parts                 | Material               | Plating         |
| Centre contact              | Copper Beryllium Alloy | SUCOPRO Plating |
| Outer conductor             | Brass                  | SUCOPRO Plating |
| Body                        | Brass                  | SUCOPRO Plating |
| Insulator                   | PFA / PTFE             |                 |

| Electrical data     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 4 GHz       |

| Mechanical data        |               |
|------------------------|---------------|
| Weight                 | 0.0059 kg     |
| Mating cycles          | 500           |
| Board mounting type    | through holes |
| Number of printlegs    | 4             |
| Height above PCB HA    | 13 mm         |
| Height of stand off HS | 0.2 mm        |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |

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| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 23022574            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
| 23012124            | 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  |
| 84121576            | 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 |
| 23022574                   | 82_BNC-50-0-1/111_NE | Single         |
| 23012124                   | 82_BNC-50-0-1/111_NH | Tray           |
| 84121576                   | 82_BNC-50-0-1/111_NY | Tray           |

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

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