

**COAXIAL CONNECTOR, QMA, 50 Ohm, Straight PCB jack with ground pin in-hole and SMT Signal pin (female)**  
96\_QMA-50-0-1/111\_N

**Properties**

- Excellent electrical performance
- High packing density
- Applicable in frequencies up to 18 GHz
- Easy to mate - No torque or tooling required
- Return loss optimized DC to 6 GHz



| Product configuration |                   |
|-----------------------|-------------------|
| Gender                | Standard          |
| jack                  | QMA QLF compliant |

| 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                   | PTFE (Polytetrafluoroethylene) |                 |

| Electrical data     |        |
|---------------------|--------|
| Impedance           | 50 Ω   |
| Interface frequency | 18 GHz |

| Mechanical data        |               |
|------------------------|---------------|
| Weight                 | 0.0013 kg     |
| Mating cycles          | 100           |
| Board mounting type    | through holes |
| Number of printlegs    | 4             |
| Height above PCB HA    | 11.1 mm       |
| Height of stand off HS | 0.4 mm        |

| Environmental data    |                  |
|-----------------------|------------------|
| Operation temperature | -40 °C ... 85 °C |

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| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 84003328            | 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 |
| 84003328                   | 96_QMA-50-0-1/111_NH | Bulk 100 pcs   |

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