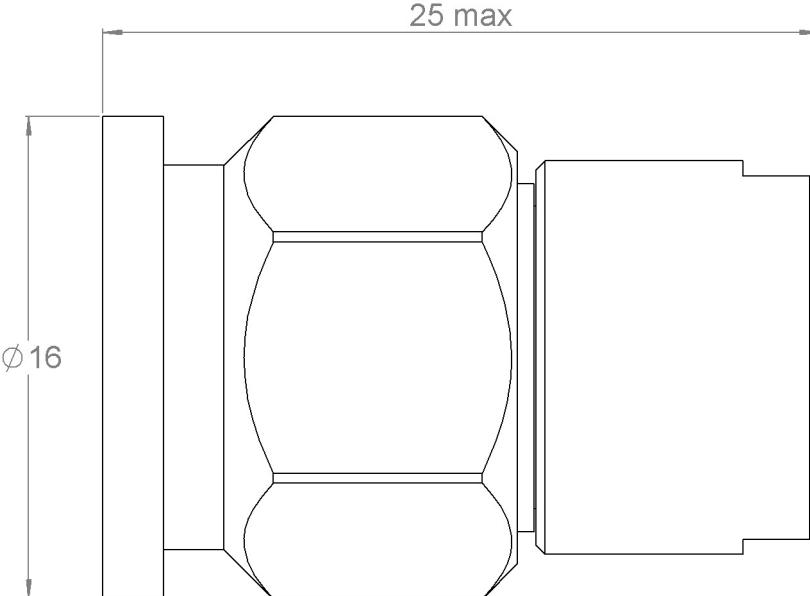
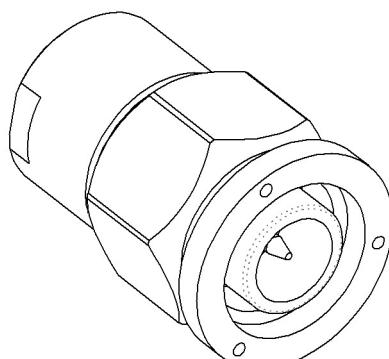
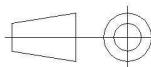


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|---|---|--|----------------------------------|
|                       |   |  |                                  |
|                     |   |  |                                  |
| All dimensions are in mm. Tolerances according ISO 2768 c-K   |   |  |                                  |
|                    |   |  |                                  |
| COMPONENTS  | MATERIALS   | PLATING ( $\mu\text{m}$ )  |                                  |
| Body<br>Center contact<br>Outer contact<br>Insulator<br>Gasket<br>Substrate<br>Resistor<br>Others parts | <b>STAINLESS STEEL</b><br><b>BERYLLIUM COPPER</b><br><b>STAINLESS STEEL</b><br><b>PTFE</b><br><b>SILICONE</b><br><b>ALUMINA</b><br><b>THIN FILM</b> | <b>PASSIVATED.</b><br><b>GOLD OVER NICKEL.</b><br><b>PASSIVATED.</b> |                                  |

|          |                    |                       |                                  |
|----------|--------------------|-----------------------|----------------------------------|
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|----------|--------------------|-----------------------|----------------------------------|

### ELECTRICAL CHARACTERISTICS

| Frequency (GHz)    | DC - 4      | 4 - 8       | 8 - 12.4    | 12.4 - 18   |
|--------------------|-------------|-------------|-------------|-------------|
| V.S.W.R ( $\leq$ ) | <b>1.08</b> | <b>1.12</b> | <b>1.15</b> | <b>1.20</b> |

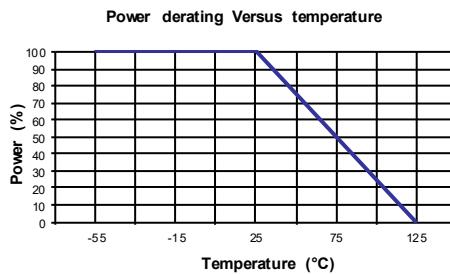
|                              |                |                       |
|------------------------------|----------------|-----------------------|
| Operating Frequency Range    | <b>DC - 18</b> | GHz                   |
| Impedance                    | <b>50</b>      | $\Omega$              |
| DC Resistance                | <b>50</b>      | $\Omega \pm 5\%$      |
| Peak power at 25°C (1μs, 1%) | <b>100</b>     | W                     |
| Average power at 25°C        | <b>2</b>       | W (Free Air Cooled)   |
|                              |                | W (Conduction Cooled) |

### MECHANICAL CHARACTERISTICS

|                       |                  |      |                    |
|-----------------------|------------------|------|--------------------|
| Connectors            | <b>TNC</b>       | Male | <b>MIL C 39012</b> |
| Weight ( $\pm 15\%$ ) | <b>22,5207</b> g |      |                    |

### ENVIRONMENTAL CHARACTERISTICS

|                             |                 |    |
|-----------------------------|-----------------|----|
| Operating temperature range | <b>-55/+125</b> | °C |
| Storage temperature range   | <b>-55/+125</b> | °C |



### SPECIFICATION

### OTHER CHARACTERISTICS

**Coupling torque 265 N.cm**