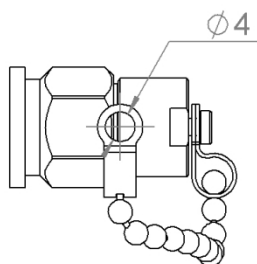
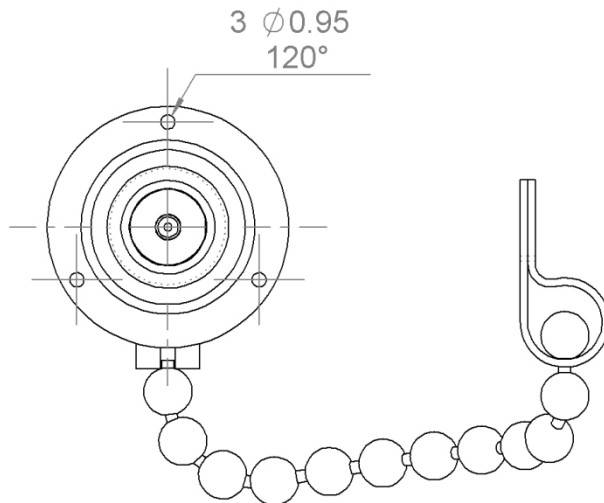
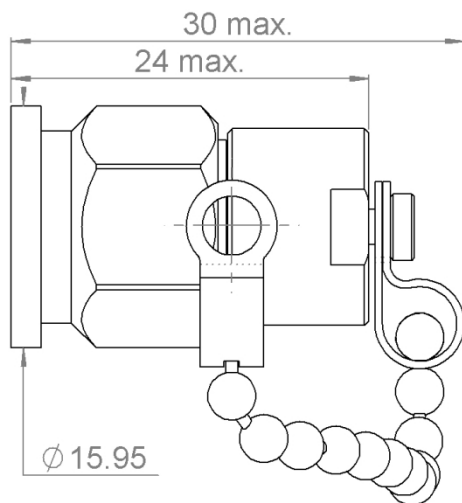
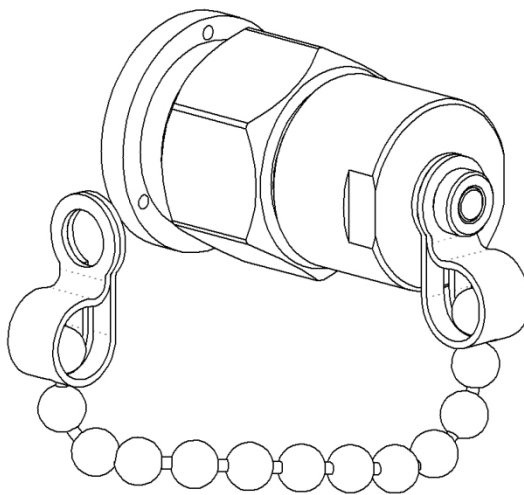


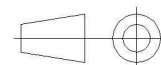
|          |                    |                       |                               |
|----------|--------------------|-----------------------|-------------------------------|
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|----------|--------------------|-----------------------|-------------------------------|



Scale 1:1



All dimensions are in mm. Tolerances according ISO 2768 c-K



| COMPONENTS     | MATERIALS                | PLATING (µm)                  |
|----------------|--------------------------|-------------------------------|
| Body           | <b>STAINLESS STEEL</b>   | <b>PASSIVATED.</b>            |
| Center contact | <b>BERYLLIUM COPPER</b>  | <b>GOLD 2.5 OVER NICKEL 2</b> |
| Outer contact  |                          |                               |
| Insulator      | <b>PTFE</b>              |                               |
| Gasket         | <b>SILICONE RUBBER</b>   |                               |
| Substrate      | <b>ALUMINIUM NITRIDE</b> |                               |
| Resistor       | <b>THIN FILM</b>         |                               |
| Others parts   | <b>STAINLESS STEEL</b>   | <b>PASSIVATED.</b>            |

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SERIES  
TERMINATION

PART NUMBER **R404370120**

### ELECTRICAL CHARACTERISTICS

|                    |               |              |                 |                  |
|--------------------|---------------|--------------|-----------------|------------------|
| Frequency (GHz)    | <b>DC - 4</b> | <b>4 - 8</b> | <b>8 - 12.4</b> | <b>12.4 - 18</b> |
| V.S.W.R ( $\leq$ ) | <b>1.08</b>   | <b>1.10</b>  | <b>1.15</b>     | <b>1.20</b>      |

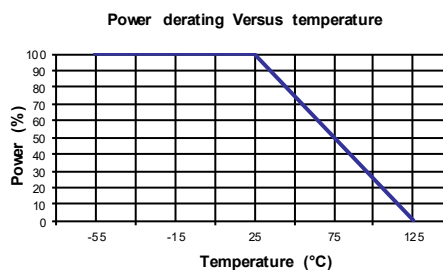
|                                    |                |                       |
|------------------------------------|----------------|-----------------------|
| Operating Frequency Range          | <b>DC - 18</b> | GHz                   |
| Impedance                          | <b>50</b>      | $\Omega$              |
| DC Resistance                      | <b>50</b>      | $\Omega \pm 5\%$      |
| Peak power at 25°C (1 $\mu$ s, 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>       | <b>Male</b> | <b>MIL C39012</b> |
| Weight ( $\pm 15\%$ ) | <b>24,8927</b> g |             |                   |

### ENVIRONMENTAL CHARACTERISTICS

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



### SPECIFICATION

### OTHER CHARACTERISTICS