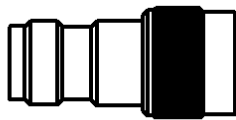
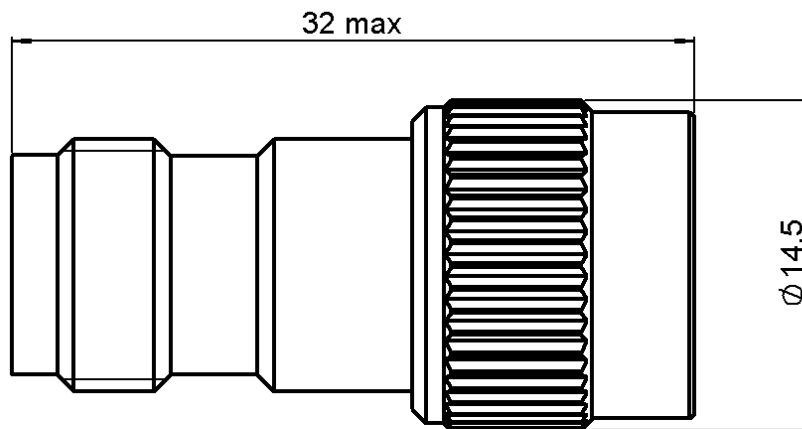
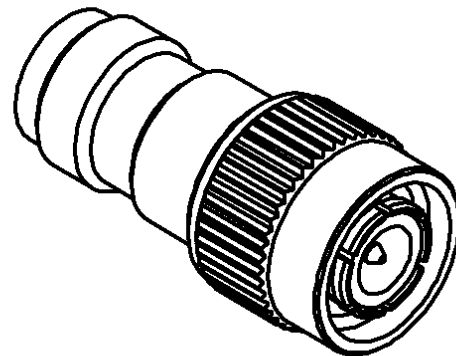


**TNC ATTENUATOR**
**3 DB 3 GHZ 1W**
**R412.503.124**

Series : ATTENUATOR



SCALE 1/1



All dimensions are in mm.

| COMPONENTS            | MATERIALS        | PLATING(μm)          |
|-----------------------|------------------|----------------------|
| BODY                  | BRASS            | NICKEL 2             |
| MALE CENTER CONTACT   | BRASS            | GOLD 1 OVER NICKEL 2 |
| FEMALE CENTER CONTACT | BERYLLIUM COPPER | GOLD 1 OVER NICKEL 2 |
| OUTER CONTACT         |                  |                      |
| INSULATOR             | PTFE             |                      |
| GASKET                | SILICONE RUBBER  |                      |
| SUBSTRATE             | ALUMINA          |                      |
| RESISTOR              | THICK FILM       |                      |
| OTHERS PARTS          |                  |                      |

**Issue : 0827 A**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RADIAL**

**TNC ATTENUATOR****3 DB 3 GHZ 1W****R412.503.124**

Series : ATTENUATOR

**ELECTRICAL CHARACTERISTICS**

|                      |        |       |
|----------------------|--------|-------|
| Frequency (GHz)      | DC - 2 | 2 - 3 |
| V.S.W.R ( $\leq$ )   | 1.20   | 1.30  |
| Deviation( $\pm$ dB) | 0.30   | 0.50  |

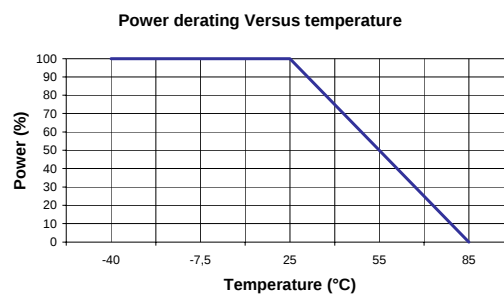
|                                    |        |                       |
|------------------------------------|--------|-----------------------|
| Operating Frequency Range          | DC - 3 | GHz                   |
| Impedance                          | 50     | $\Omega$              |
| Nominal Attenuation                | 3      | dB                    |
| Peak power at 25°C (1 $\mu$ s, 1%) | 100    | W                     |
| Average power at 25°C              | 1      | W (Free Air Cooled)   |
|                                    |        | W (Conduction Cooled) |

**MECHANICAL CHARACTERISTICS**

|            |           |             |             |
|------------|-----------|-------------|-------------|
| Connectors | TNC       | Male Female | MIL-C 39012 |
| Weight     | 16,7700 g |             |             |

**ENVIRONMENTAL CHARACTERISTICS**

|                             |              |
|-----------------------------|--------------|
| Operating temperature range | -40 / +85 °C |
| Storage temperature range   | -40 / +85 °C |

**SPECIFICATION****OTHER CHARACTERISTICS**

Issue : 0827 A

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