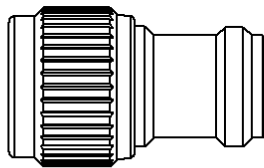
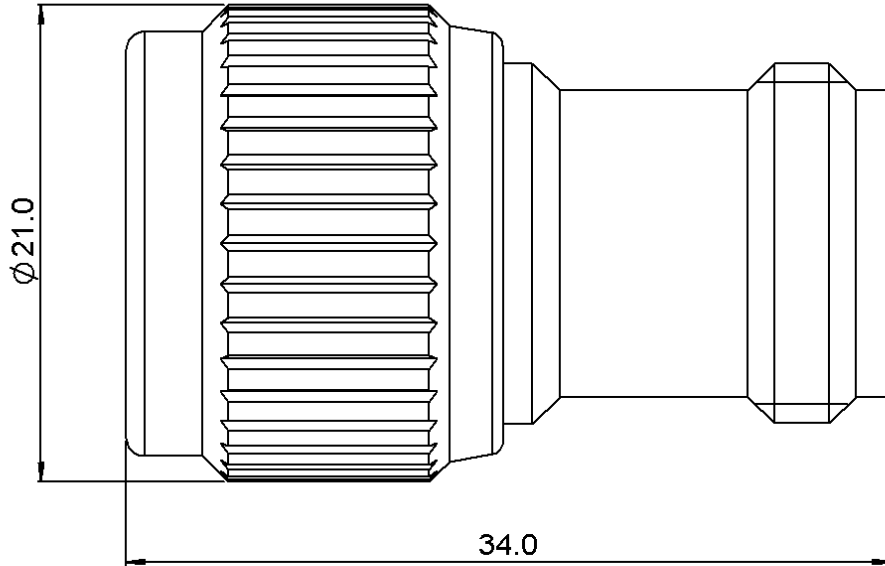
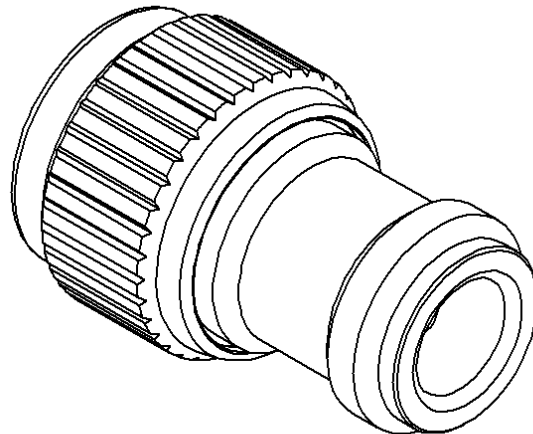


**N ATTENUATOR**  
**3 DB 6 GHZ 1W**

**R412.703.124**  
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 : 0828 B

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

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**ELECTRICAL CHARACTERISTICS**

|                 |        |       |
|-----------------|--------|-------|
| Frequency (GHz) | DC - 2 | 2 - 6 |
| V.S.W.R (≤)     | 1.20   | 1.30  |
| Deviation(±dB)  | 0.30   | 0.50  |

|                              |        |                       |
|------------------------------|--------|-----------------------|
| Operating Frequency Range    | DC - 6 | GHz                   |
| Impedance                    | 50     | Ω                     |
| Nominal Attenuation          | 3      | dB                    |
| Peak power at 25°C (1μs, 1%) | 100    | W                     |
| Average power at 25°C        | 1      | W (Free Air Cooled)   |
|                              |        | W (Conduction Cooled) |

**MECHANICAL CHARACTERISTICS**

|            |           |             |             |
|------------|-----------|-------------|-------------|
| Connectors | N         | Male Female | MIL-C 39012 |
| Weight     | 42,6600 G |             |             |

**ENVIRONMENTAL CHARACTERISTICS**

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



**SPECIFICATION**

**OTHER CHARACTERISTICS**

Issue : 0828 B

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