

**SMA ATTENUATOR**

**R411.810.124**

**10 DB 6 GHZ 1W**

Series : ATTENUATOR



SCALE 1/1



All dimensions are in mm.



| COMPONENTS            | MATERIALS        | PLATING( $\mu\text{m}$ ) |
|-----------------------|------------------|--------------------------|
| 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 : 0738 C

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)  | 0.50   | 0.50  |

|                              |        |  |
|------------------------------|--------|--|
| Operating Frequency Range    | DC - 6 | GHz  |
| Impedance                    | 50     | Ω  |
| Nominal Attenuation          | 10     | dB   |
| Peak power at 25°C (1μs, 1%) | 100    | W  |
| Average power at 25°C        | 1      | W (Free Air Cooled)<br>W (Conduction Cooled) |

**MECHANICAL CHARACTERISTICS**

|            |        |             |             |
|------------|--------|-------------|-------------|
| Connectors | SMA    | Male Female | MIL-C 39012 |
| Weight     | 4,3200 | g           |             |

**ENVIRONMENTAL CHARACTERISTICS**

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



**SPECIFICATION**

**OTHER CHARACTERISTICS**

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