

**SMA ATTENUATOR**  
**10 DB 26.5 GHZ 2W**

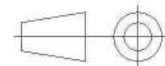
**R413.810.121**  
Series : ATTENUATOR



Scale 1:1



All dimensions are in mm.



| COMPONENTS            | MATERIALS        | PLATING(µm)            |
|-----------------------|------------------|------------------------|
| BODY                  | STAINLESS STEEL  |                        |
| MALE CENTER CONTACT   | BERYLLIUM COPPER | GOLD 2.5 OVER NICKEL 1 |
| FEMALE CENTER CONTACT | BERYLLIUM COPPER | GOLD 2.5 OVER NICKEL 1 |
| OUTER CONTACT         |                  |                        |
| INSULATOR             | PTFE             |                        |
| GASKET                | SILICONE RUBBER  |                        |
| SUBSTRATE             | ALUMINA          |                        |
| RESISTOR              | THIN FILM        |                        |
| OTHERS PARTS          |                  |                        |

Issue : 0839 A

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 - 4 | 4 - 8 | 8 - 12.4 | 12.4 - 18 | 18 - 26.5 |
| V.S.W.R (≤)     | 1.15   | 1.20  | 1.25     | 1.35      | 1.50      |
| Deviation(±dB)  | 0.70   | 0.70  | 0.70     | 0.70      | 0.70      |

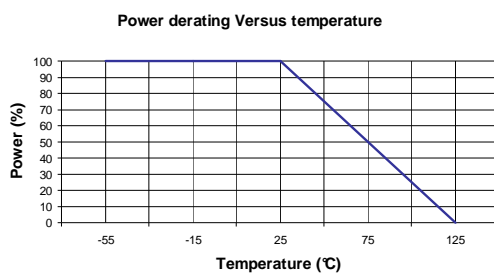
|                              |           |                       |
|------------------------------|-----------|-----------------------|
| Operating Frequency Range    | DC - 26.5 | GHz                   |
| Impedance                    | 50        | Ω                     |
| Nominal Attenuation          | 10        | dB                    |
| Peak power at 25°C (1μs, 1%) | 100       | W                     |
| Average power at 25°C        | 2         | W (Free Air Cooled)   |
|                              |           | W (Conduction Cooled) |

**MECHANICAL CHARACTERISTICS**

|            |          |             |             |
|------------|----------|-------------|-------------|
| Connectors | SMA      | Male Female | MIL-C 39012 |
| Weight     | 5,1470 g |             |             |

**ENVIRONMENTAL CHARACTERISTICS**

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



**SPECIFICATION**

**OTHER CHARACTERISTICS**

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