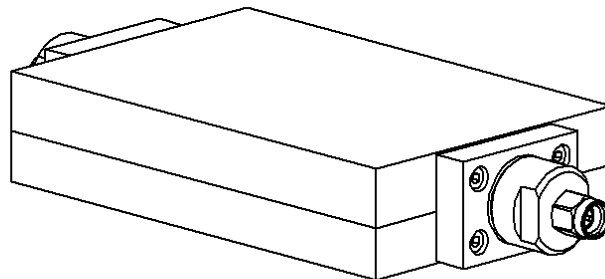
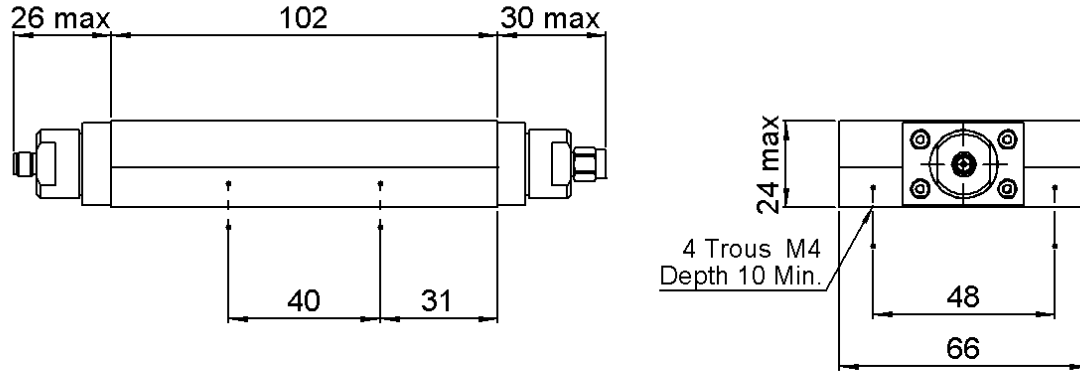


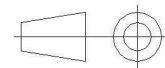
**SMA ATTENUATOR**  
**6 DB 2 GHZ 100W**

**R417.806.138**

Series : ATTENUATOR



All dimensions are in mm.



| COMPONENTS            | MATERIALS        | PLATING(μm)           |
|-----------------------|------------------|-----------------------|
| BODY                  | STAINLESS STEEL  | PASSIVATED            |
| MALE CENTER CONTACT   | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL2 |
| FEMALE CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL2 |
| OUTER CONTACT         |                  |                       |
| INSULATOR             | PTFE             |                       |
| GASKET                | SILICONE RUBBER  |                       |
| SUBSTRATE             | ALUMINA          |                       |
| RESISTOR              | THICK FILM       |                       |
| OTHERS PARTS          | ALUMINIUM        | BLACK PAINTING        |

Issue : 0843 A

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

**RADIAL** 

**SMA ATTENUATOR****6 DB 2 GHZ 100W****R417.806.138**

Series : ATTENUATOR

**ELECTRICAL CHARACTERISTICS**

|                      |        |       |
|----------------------|--------|-------|
| Frequency (GHz)      | DC - 1 | 1 - 2 |
| V.S.W.R ( $\leq$ )   | 1.10   | 1.25  |
| Deviation( $\pm$ dB) | 1.0    | 1.0   |

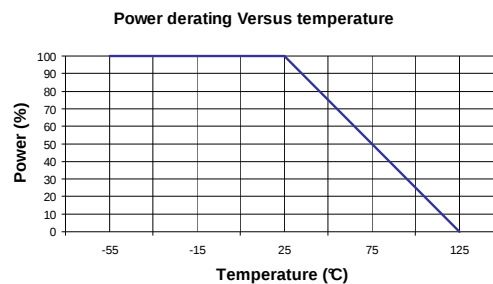
|                                                                                             |        |                       |
|---------------------------------------------------------------------------------------------|--------|-----------------------|
| Operating Frequency Range                                                                   | DC - 2 | GHz                   |
| Impedance                                                                                   | 50     | $\Omega$              |
| Nominal Attenuation                                                                         | 6      | dB                    |
| Peak power at 25°C (1 $\mu$ s, 1%)                                                          | 5000   | W                     |
| Average power at 25°C                                                                       |        | W (Free Air Cooled)   |
|                                                                                             | 100    | W (Conduction Cooled) |
| For conduction cooling, a plate 1000 cm <sup>2</sup> x 3 mm(156 sq.in*1/8) min. is required |        |                       |

**MECHANICAL CHARACTERISTICS**

|            |            |             |             |
|------------|------------|-------------|-------------|
| Connectors | SMA        | Male Female | MIL-C 39012 |
| Weight     | 472,3700 g |             |             |

**ENVIRONMENTAL CHARACTERISTICS**

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

**SPECIFICATION****OTHER CHARACTERISTICS**

Issue : 0843 A

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

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