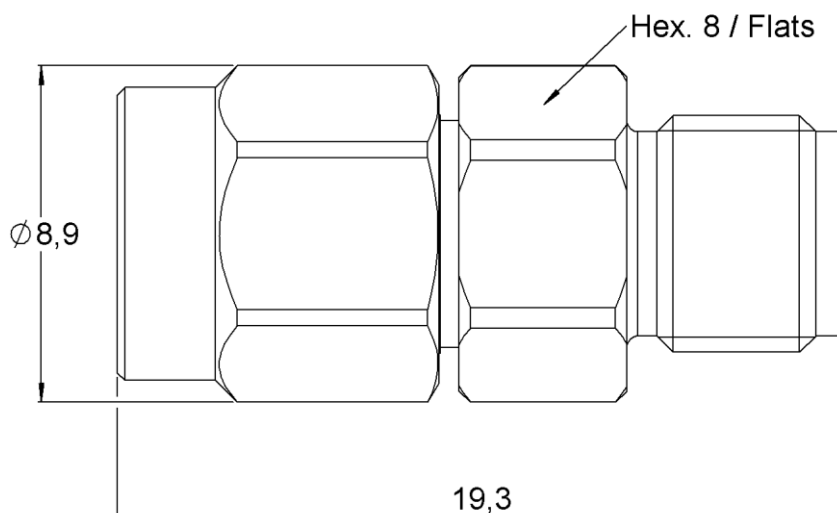
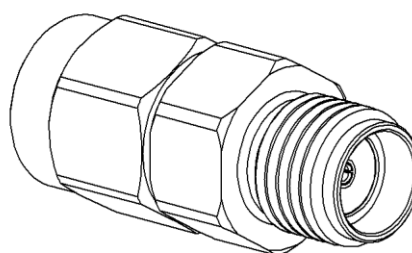


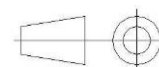
|          |                 |                      |                        |
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| PAGE 1/2 | ISSUE 26-08-15D | SERIES<br>ATTENUATOR | PART NUMBER R411816119 |
|----------|-----------------|----------------------|------------------------|



SCALE 1:1



All dimensions are in mm.



| COMPONENTS            | MATERIALS               | PLATING (µm)                 |
|-----------------------|-------------------------|------------------------------|
| Body                  | <b>STAINLESS STEEL</b>  | <b>PASSIVATED</b>            |
| Male center contact   | <b>BERYLLIUM COPPER</b> | <b>GOLD 2 OVER NICKEL 2</b>  |
| Female center contact | <b>BERYLLIUM COPPER</b> | <b>GOLD 1.3 OVER NICKEL2</b> |
| Outer contact         | -                       | -                            |
| Insulator             | <b>PTFE</b>             |                              |
| Gasket                | <b>SILICONE RUBBER</b>  |                              |
| Substrate             | <b>ALUMINA</b>          |                              |
| Resistor              | <b>THIN FILM</b>        |                              |
| Others parts          | -                       | -                            |

|          |                 |                      |                        |
|----------|-----------------|----------------------|------------------------|
| PAGE 2/2 | ISSUE 26-08-15D | SERIES<br>ATTENUATOR | PART NUMBER R411816119 |
|----------|-----------------|----------------------|------------------------|

## ELECTRICAL CHARACTERISTICS

| Frequency (GHz)      | DC - 4 | 4 - 8 | 8 - 12.4 |
|----------------------|--------|-------|----------|
| V.S.W.R ( $\leq$ )   | 1.20   | 1.25  | 1.30     |
| Deviation( $\pm$ dB) | 0.50   | 0.60  | 0.50     |

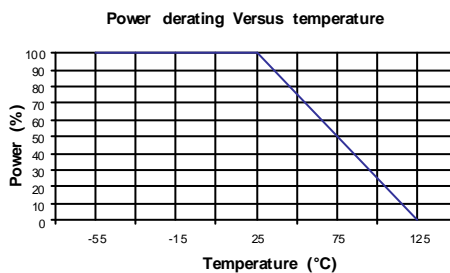
|                                    |           |                       |
|------------------------------------|-----------|-----------------------|
| Operating Frequency Range          | DC - 12.4 | GHz                   |
| Impedance                          | 50        | $\Omega$              |
| Nominal Attenuation                | 16        | dB                    |
| Peak power at 25°C (1 $\mu$ s, 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     | 4,7300 | g           |             |

## ENVIRONMENTAL CHARACTERISTICS

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



## SPECIFICATION

## OTHER CHARACTERISTICS