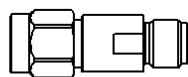
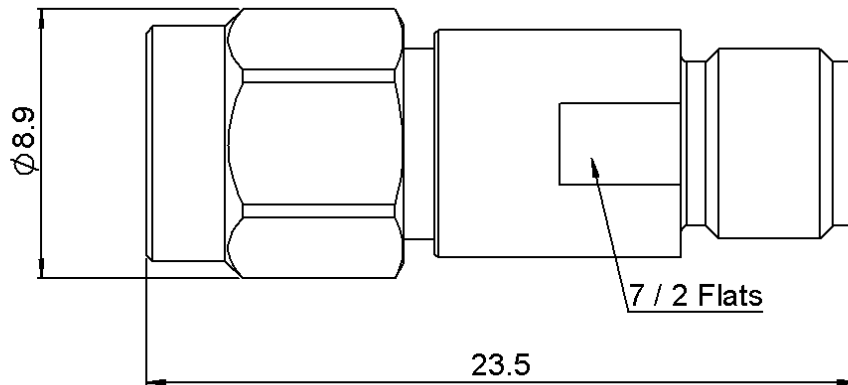
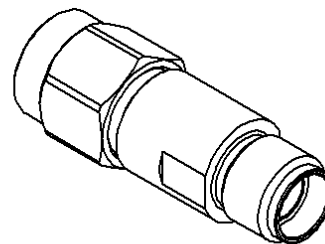


| | | | |
|----------|-----------------|----------------------|------------------------|
| PAGE 1/2 | ISSUE 19-02-16B | SERIES ATTENUATOR | PART NUMBER R411830121 |
|----------|-----------------|----------------------|------------------------|



SCALE 1:1



All dimensions are in mm.



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

| | | | |
|----------|------------------------|-----------------------------|-------------------------------|
| PAGE 2/2 | ISSUE 19-02-16B | SERIES ATTENUATOR | PART NUMBER R411830121 |
|----------|------------------------|-----------------------------|-------------------------------|

ELECTRICAL CHARACTERISTICS

| | | | | |
|-----------------|---------------|--------------|-----------------|------------------|
| Frequency (GHz) | DC - 4 | 4 - 8 | 8 - 12.4 | 12.4 - 18 |
| V.S.W.R (≤) | 1.15 | 1.20 | 1.25 | 1.35 |
| Deviation(±dB) | 1 | 1 | 1 | 1.2 |

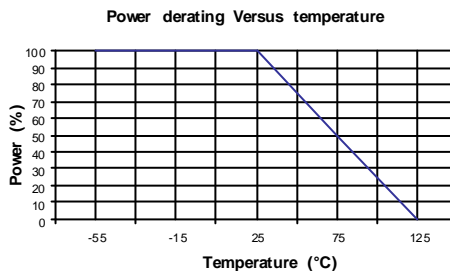
| | | |
|------------------------------|----------------|-----------------------|
| Operating Frequency Range | DC - 18 | GHz |
| Impedance | 50 | Ω |
| Nominal Attenuation | 30 | dB |
| Peak power at 25°C (1μs, 1%) | 100 | W |
| Average power at 25°C | 2 | W (Free Air Cooled) |
| | | W (Conduction Cooled) |

MECHANICAL CHARACTERISTICS

| | | | |
|------------|---------------|--------------------|--------------------|
| Connectors | SMA | Male Female | MIL-C 39012 |
| Weight | 8,2800 | g | |

ENVIRONMENTAL CHARACTERISTICS

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



SPECIFICATION

OTHER CHARACTERISTICS

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Radial:](#)

[R411830121](#)