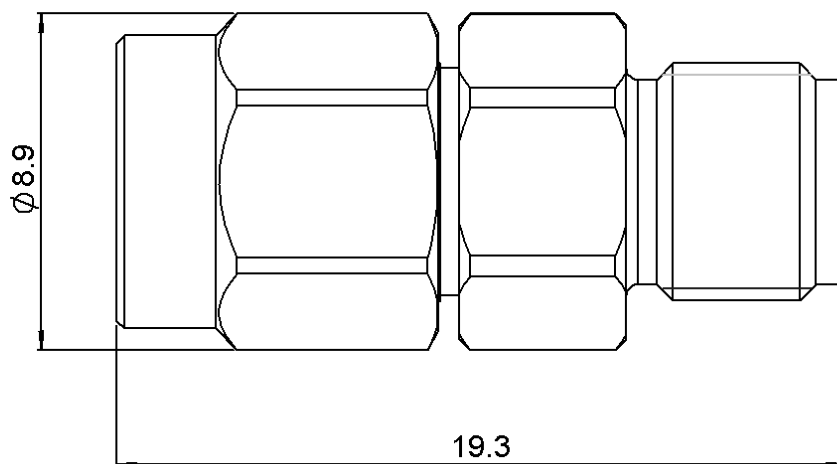


PAGE 1/2

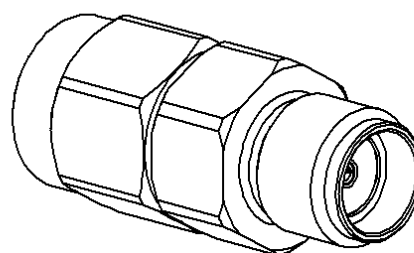
ISSUE **08-06-15E**

SERIES  
**ATTENUATOR**

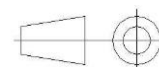
PART NUMBER **R411804121**



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 **08-06-15E**

SERIES  
**ATTENUATOR**

PART NUMBER **R411804121**

### ELECTRICAL CHARACTERISTICS

Frequency (GHz)	DC - 4	4 - 8	8 - 12.4	12.4 - 18
V.S.W.R ( $\leq$ )	<b>1.15</b>	<b>1.20</b>	<b>1.25</b>	<b>1.35</b>
Deviation( $\pm$ dB)	<b>0.30</b>	<b>0.30</b>	<b>0.40</b>	<b>0.80</b>

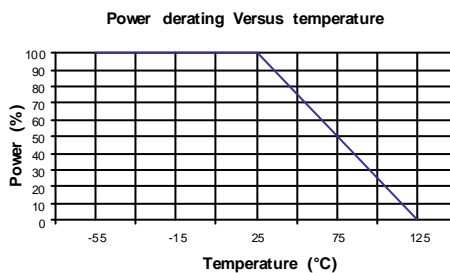
Operating Frequency Range	<b>DC - 18</b>	GHz
Impedance	<b>50</b>	$\Omega$
Nominal Attenuation	<b>4</b>	dB
Peak power at 25°C (1 $\mu$ s, 1%)	<b>100</b>	W
Average power at 25°C	<b>2</b>	W (Free Air Cooled)
		W (Conduction Cooled)

### MECHANICAL CHARACTERISTICS

Connectors	<b>SMA</b>	<b>Male Female</b>	<b>MIL-C 39012</b>
Weight	<b>4,7300</b>	g	

### ENVIRONMENTAL CHARACTERISTICS

Operating temperature range	<b>-55 /+125</b>	°C
Storage temperature range	<b>-55 /+125</b>	°C



### SPECIFICATION

### OTHER CHARACTERISTICS

# Mouser Electronics

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