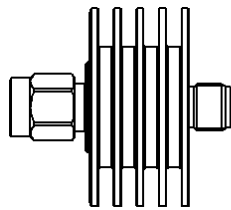
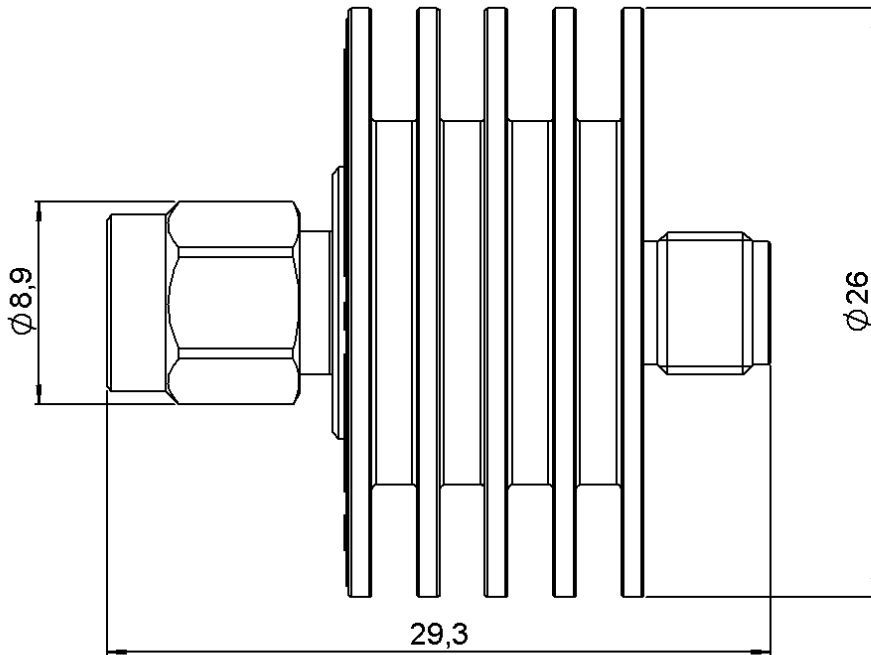
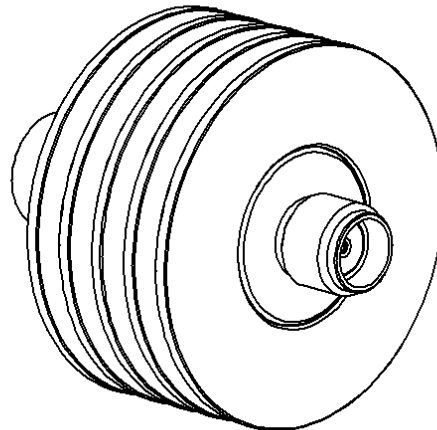


**SMA ATTENUATOR**  
**6 DB 8 GHZ 12W**

**R415.306.000**  
Series : **ATTENUATOR**



Scale 1:1



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING(μm)
<b>BODY</b>	<b>BRASS</b>	<b>NICKEL 5</b>
<b>MALE CENTER CONTACT</b>	<b>BERYLLIUM COPPER</b>	<b>GOLD 2.5 OVER NICKEL 1</b>
<b>FEMALE CENTER CONTACT</b>	<b>BERYLLIUM COPPER</b>	<b>GOLD 2.5 OVER NICKEL 2</b>
<b>OUTER CONTACT</b>		
<b>INSULATOR</b>	<b>PTFE</b>	
<b>GASKET</b>	<b>SILICONE RUBBER</b>	
<b>SUBSTRATE</b>	<b>ALUMINIUM NITRIDE</b>	
<b>RESISTOR</b>	<b>THIN FILM</b>	
<b>OTHERS PARTS</b>	<b>ALUMINIUM</b>	<b>BLACK ANODIZATION</b>

Issue : 0829 E

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
V.S.W.R (≤)	1.15	1.25
Deviation(±dB)	0.30	0.30

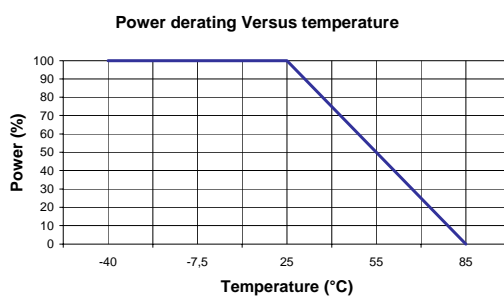
Operating Frequency Range	DC - 8	GHz
Impedance	50	Ω
Nominal Attenuation	6	dB
Peak power at 25°C (1μs, 1%)	250	W
Average power at 25°C	12	W (Free Air Cooled)
		W (Conduction Cooled)

**MECHANICAL CHARACTERISTICS**

Connectors	SMA	Male Female	MIL-C 39012
Weight	19,8500 g		

**ENVIRONMENTAL CHARACTERISTICS**

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



**SPECIFICATION**

**OTHER CHARACTERISTICS**

Issue : 0829 E

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