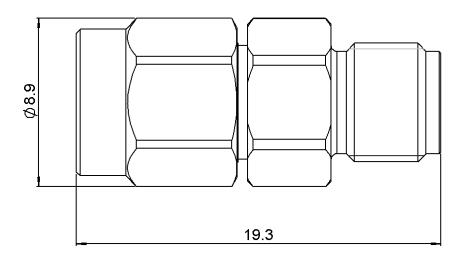




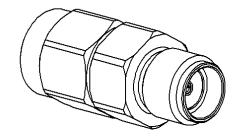
SMA ATTENUATOR 1 DB 18 GHZ 2W

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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	-	-	



# **Technical Data Sheet**

SMA ATTENUATOR 1 DB 18 GHZ 2W

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### **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)	0.30	0.30	0.40	0.70

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

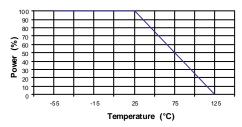
### MECHANICAL CHARACTERISTICS

Connectors	SMA	Male Female	MIL-C 39012
Weight	<b>4,3700</b> g		

## **ENVIRONMENTAL CHARACTERISTICS**

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

#### Power derating Versus temperature



## SPECIFICATION

# OTHER CHARACTERISTICS