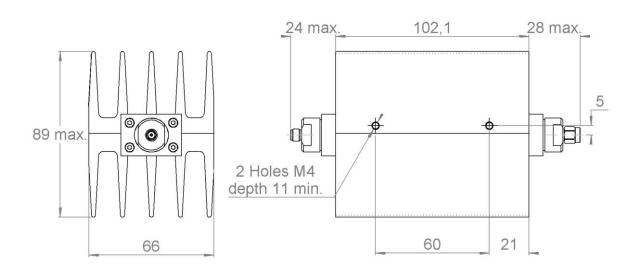
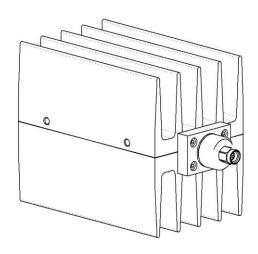


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SMA ATTENUATOR 3 DB 2 GHZ 100W

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All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)	
Body Male center contact Female center contact	STAINLESS STEEL BERYLLIUM COPPER BERYLLIUM COPPER	PASSIVATED GOLD 0.5 OVER NICKEL PHOSPHORUS 2 GOLD 0.5 OVER NICKEL PHOSPHORUS 2	
Outer contact			
Insulator	PTFE		
Gasket	SILICONE RUBBER		
Substrate	ALUMINA		
Resistor	THICK FILM		
Others parts	ALUMINIUM	BLACK PAINTING	



# **Technical Data Sheet**

SMA ATTENUATOR 3 DB 2 GHZ 100W

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# **ELECTRICAL CHARACTERISTICS**

Frequency (GHz)	DC - 1	1 - 2
V.S.W.R (≤)	1.10	1.25
Deviation(±dB)	1	1

Operating Frequency Range	DC - 2	GHz
Impedance	50	Ω
Nominal Attenuation	3	dB
Peak power at 25°C (1µs, 1‰)	5000	W
Average power at 25°C	100	W (Free Air Cooled)
		W (Conduction Cooled)

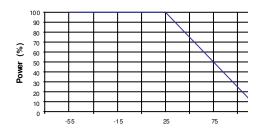
# MECHANICAL CHARACTERISTICS

Connectors	SMA	Male Female	MIL-C 39012
Weight	750,6800	g	

### **ENVIRONMENTAL CHARACTERISTICS**

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

#### Power derating Versus temperature



# SPECIFICATION

### **OTHER CHARACTERISTICS**