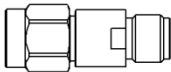
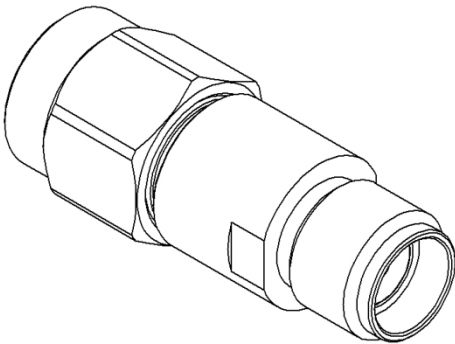
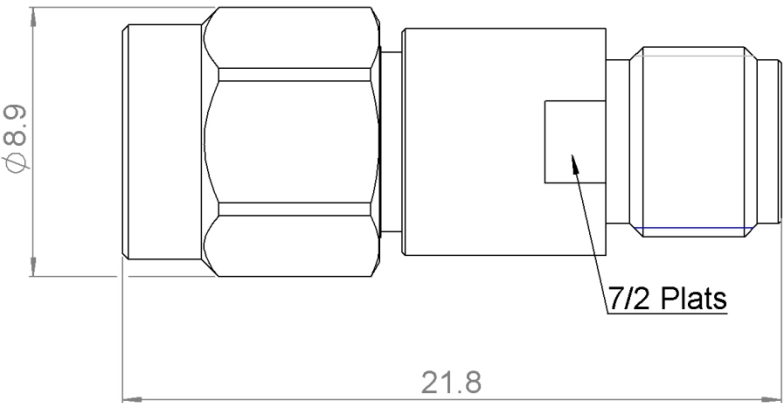
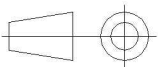


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SCALE 1:1

All dimensions are in mm. Tolerances according ISO 2768 c-K



COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL	
Male center contact	BERYLLIUM COPPER	GOLD 2.5 OVER NICKEL 1
Female center contact	BERYLLIUM COPPER	GOLD 2.5 OVER NICKEL 1
Outer contact		
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Substrate	ALUMINA	
Resistor	THIN FILM	
Others parts		

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SERIES
ATTENUATOR

PART NUMBER **R429803101**

ELECTRICAL CHARACTERISTICS

Frequency (GHz)	DC - 2	2 - 4	4 - 8	8 - 12.4	12.4 - 18
V.S.W.R ($\leq$)	1.1	1.15	1.2	1.25	1.35
Deviation($\pm$ dB)	0.3	0.3	0.3	0.3	0.3

Operating Frequency Range	DC - 18	GHz
Impedance	50	Ω
Nominal Attenuation	3	dB
Peak power at 25°C (1 μ s, 1%)	100	W
Average power at 25°C	2	W (Free Air Cooled)
		W (Conduction Cooled)

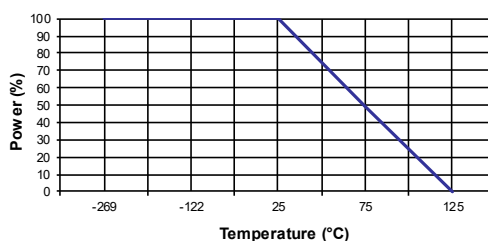
MECHANICAL CHARACTERISTICS

Connectors	SMA	Male Female	MIL C39012
Weight ($\pm$ 15%)	5.1000	g	

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range	4/400 K
Storage temperature range	-55/125 °C

Power derating Versus temperature



SPECIFICATION

OTHER CHARACTERISTICS

For Cryogenic applications