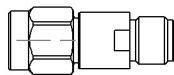
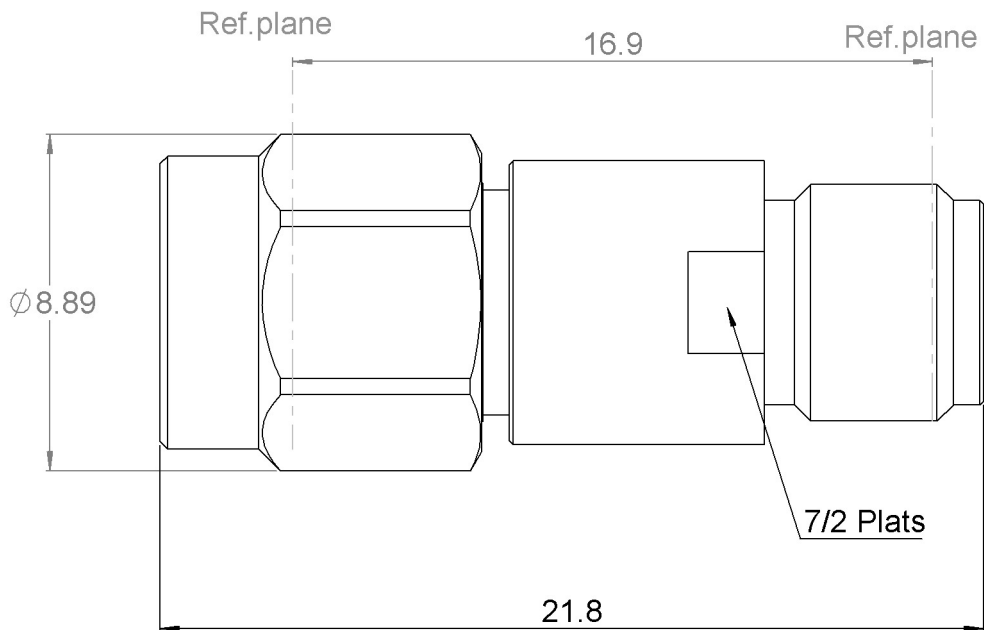
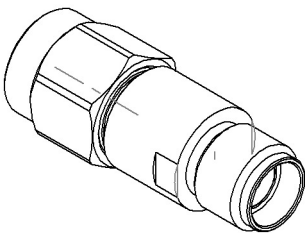


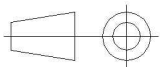
PAGE 1/2	ISSUE 19-09-25A	SERIES ATTENUATOR	PART NUMBER R429810102
----------	--------------------	----------------------	------------------------



SCALE : 1:1



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



COMPONENTS	MATERIALS	PLATING (µm)
Body	STAINLESS STEEL	PASSIVATED.
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	ALUMINIUM NITRIDE	
Resistor	THIN FILM	
Others parts		

PAGE 2/2

ISSUE
19-09-25A

SERIES
ATTENUATOR

PART NUMBER **R429810102**

ELECTRICAL CHARACTERISTICS

Frequency (GHz)	DC-6	6-12	12-18
V.S.W.R ($\leq$)	1.2	1.35	1.4
Deviation($\pm$ dB)	0.6	0.6	0.6

Operating Frequency Range	DC-18	GHz
Impedance	50	Ω
Nominal Attenuation	10	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)

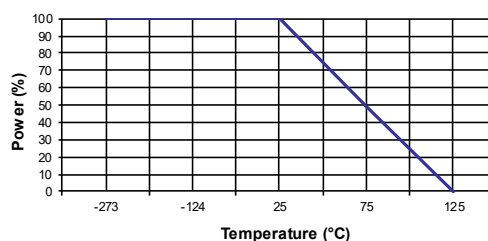
MECHANICAL CHARACTERISTICS

Connectors	SMA	Male Female	MIL C39012
Weight ($\pm$ 15%)	5,1019	g	

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range	0.01/400	K
Storage temperature range	-55/125	°C

Power derating Versus temperature



SPECIFICATION

OTHER CHARACTERISTICS

For Cryogenic applications