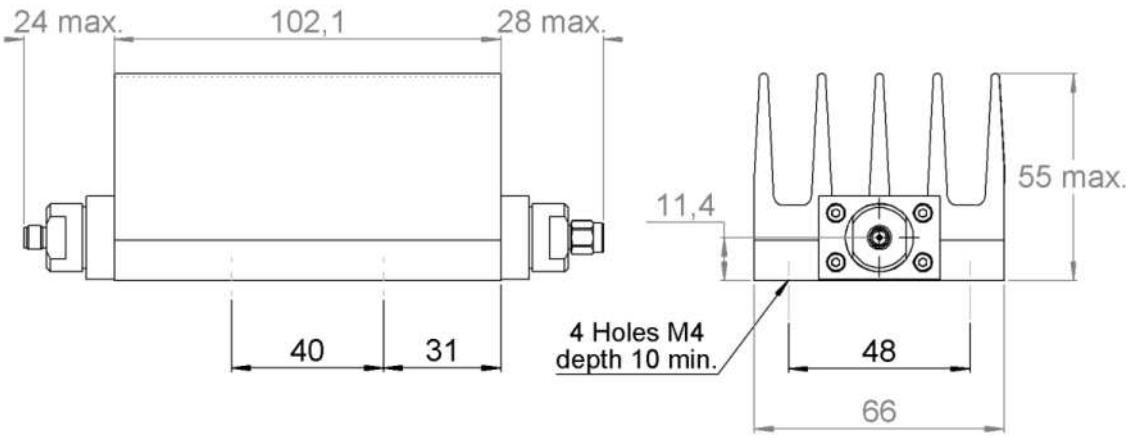
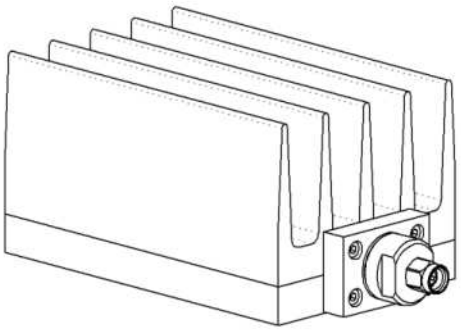
Technical Data Sheet

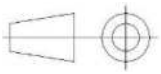
SMA ATTENUATOR 20 DB 2 GHZ 50/80W

PAGE **1/2**	ISSUE **17-08-18B**	SERIES **ATTENUATOR**	PART NUMBER **R417820128**





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



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

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ELECTRICAL CHARACTERISTICS

Frequency (GHz)	DC - 1	1 - 2
V.S.W.R (≤)	1.10	1.25
Deviation(±dB)	1.0	1.0

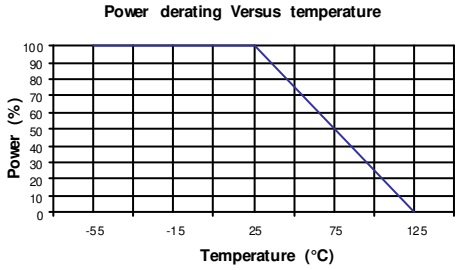
Operating Frequency Range	DC - 2	GHz
Impedance	50	Ω
Nominal Attenuation	20	dB
Peak power at 25°C (1µs, 1‰)	5000	W
Average power at 25°C	50	W (Free Air Cooled)
	80	W (Conduction Cooled)
For conduction cooling, a plate 1000 cm2 x 3 mm(156 sq.in*1/8) min. is required		

MECHANICAL CHARACTERISTICS

Connectors	SMA	Male Female	MIL-C 39012
Weight	602,3400 g		

ENVIRONMENTAL CHARACTERISTICS

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



SPECIFICATION

OTHER CHARACTERISTICS

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