

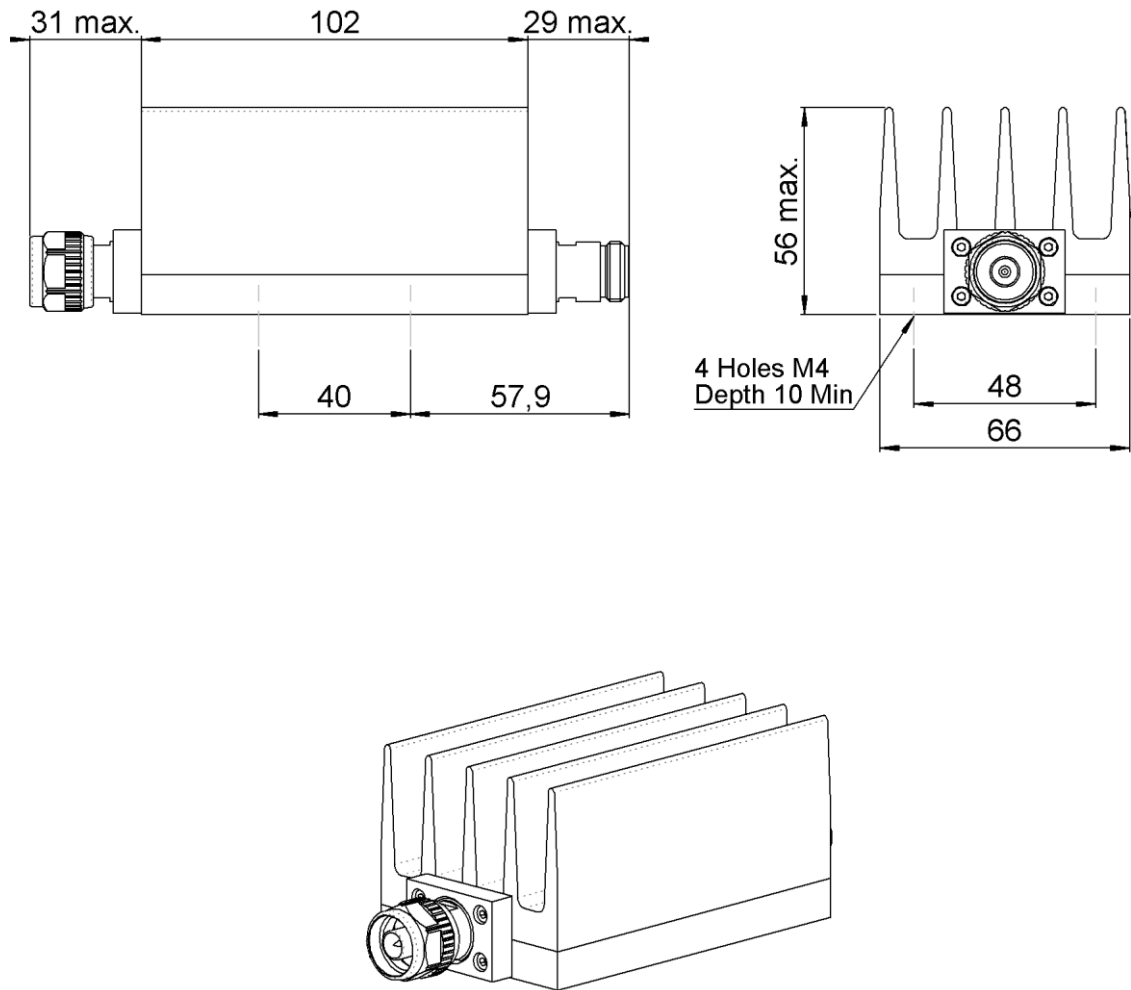
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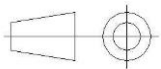
SERIES  
ATTENUATOR

PART NUMBER R417703128

SCALE 1 : 2



All dimensions are in mm.



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	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	80	W (Free Air Cooled)
	100	W (Conduction Cooled)

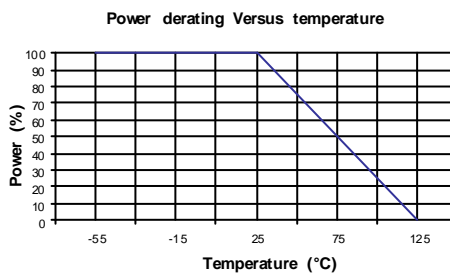
For conduction cooling, a plate 1000 cm2 x 3 mm(156 sq.in\*1/8) min. is required

## MECHANICAL CHARACTERISTICS

Connectors	N	Male Female	MIL-C 39012
Weight	618,2700 g		

## ENVIRONMENTAL CHARACTERISTICS

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



## SPECIFICATION

## OTHER CHARACTERISTICS

# Mouser Electronics

Authorized Distributor

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