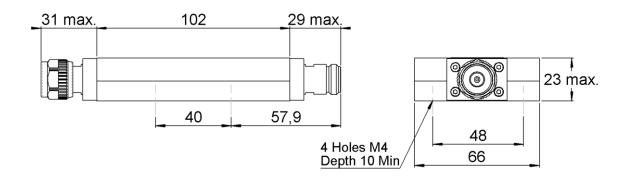


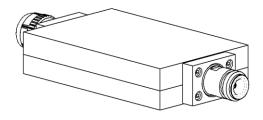


N ATTENUATOR 3 DB 2 GHZ 100W

PAGE 1/2 ISSUE 13-04-16B SERIES ATTENUATOR PART NUMBER R417703138

**SCALE 1:2** 





All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Dark	STAINLESS STEEL	DACCIVATED
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





N ATTENUATOR 3 DB 2 GHZ 100W

PAGE <b>2/2</b>	ISSUE <b>13-04-16B</b>	SERIES ATTENUATOR	PART NUMBER <b>R417703138</b>
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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		W (Free Air Cooled)
	100	W (Conduction Cooled)
For conduction cooling, a plate 1000 cm2	2 x 3 mm(156 sq.in*1/8) min. is re	quired

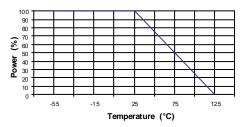
### MECHANICAL CHARACTERISTICS

Connectors	N	Male Female	MIL-C 39012
Weight	<b>484,8300</b> g		

## **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range	<b>-55 /+125</b> °C	
Storage temperature range	<b>-55 /+125</b> °C	

#### Power derating Versus temperature



## SPECIFICATION

# OTHER CHARACTERISTICS