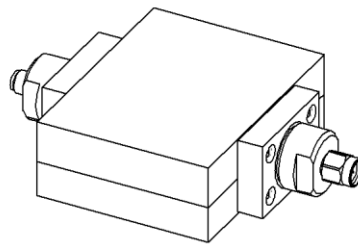
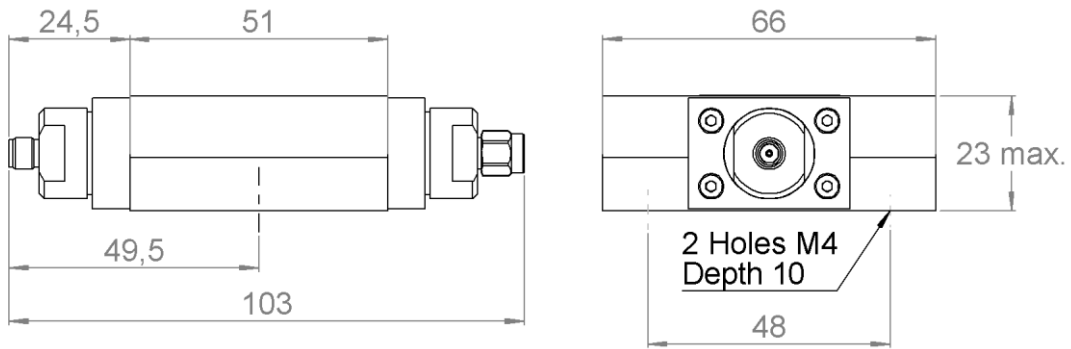


PAGE 1/2	ISSUE 17-08-18B	SERIES <b>ATTENUATOR</b>	PART NUMBER <b>R417103130</b>
----------	-----------------	-----------------------------	-------------------------------



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



COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
Body	<b>STAINLESS STEEL</b>	<b>PASSIVATED</b>
Male center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD 0.5 OVER NICKEL PHOSPHORUS 2</b>
Female center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD 0.5 OVER NICKEL PHOSPHORUS 2</b>
Outer contact		
Insulator	<b>PTFE</b>	
Gasket	<b>SILICONE RUBBER</b>	
Substrate	<b>ALUMINA</b>	
Resistor	<b>THICK FILM</b>	
Others parts	<b>ALUMINIUM</b>	<b>BLACK PAINTING</b>

PAGE 2/2	ISSUE 17-08-18B	SERIES ATTENUATOR	PART NUMBER R417103130
----------	-----------------	----------------------	------------------------

**ELECTRICAL CHARACTERISTICS**

Frequency (GHz)	<b>DC - 1</b>	<b>1 - 2</b>	<b>2 - 3</b>
V.S.W.R (≤)	<b>1.10</b>	<b>1.25</b>	<b>1.35</b>
Deviation(±dB)	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>

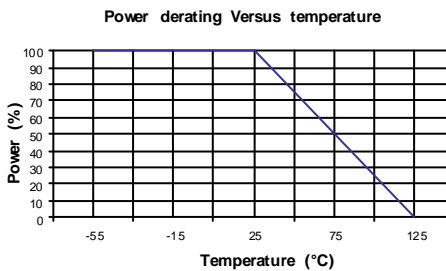
Operating Frequency Range	<b>DC - 3</b>	GHz
Impedance	<b>50</b>	Ω
Nominal Attenuation	<b>3</b>	dB
Peak power at 25°C (1μs, 1%)	<b>5000</b>	W
Average power at 25°C		W (Free Air Cooled)
	<b>50</b>	W (Conduction Cooled)
<b>For conduction cooling, a plate 500 cm<sup>2</sup> x 3 mm(78 sq.in*1/8) min. is required</b>		

**MECHANICAL CHARACTERISTICS**

Connectors	<b>SMA</b>	<b>Male Female</b>	<b>MIL-C 39012</b>
Weight	<b>274,6900</b>	g	

**ENVIRONMENTAL CHARACTERISTICS**

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



**SPECIFICATION**

**OTHER CHARACTERISTICS**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Attenuators - Interconnects](#) category:*

*Click to view products by [Radiall](#) manufacturer:*

Other Similar products are found below :

[R411803119](#) [R413806115](#) [R413808000](#) [R413810115](#) [R413850115](#) [R414510000](#) [R414701000](#) [BNC-13](#) [R411800121](#) [R411801121](#)  
[R412412124](#) [R412450000](#) [R413800000](#) [R413805000](#) [R413830000](#) [R413840115](#) [R414730000](#) [R415420000](#) [R415703000](#) [R416010000](#)  
[R420003110](#) [R411801000](#) [R411815121](#) [R413305000](#) [R413801000](#) [R414520000](#) [R411808121](#) [R412500124](#) [R412414124](#) [R412501124](#)  
[HMC-C584](#) [R413802000](#) [R412400124](#) [R411700124](#) [R417310130](#) [R411801119](#) [R412419124](#) [R411703124](#) [R412401124](#) [R443131000](#)  
[R417130110](#) [R414700000](#) [R414505000](#) [R411802119](#) [R417720128](#) [R420706110](#) [R413811000](#) [R413803115](#) [R414501000](#) [R417903128](#)