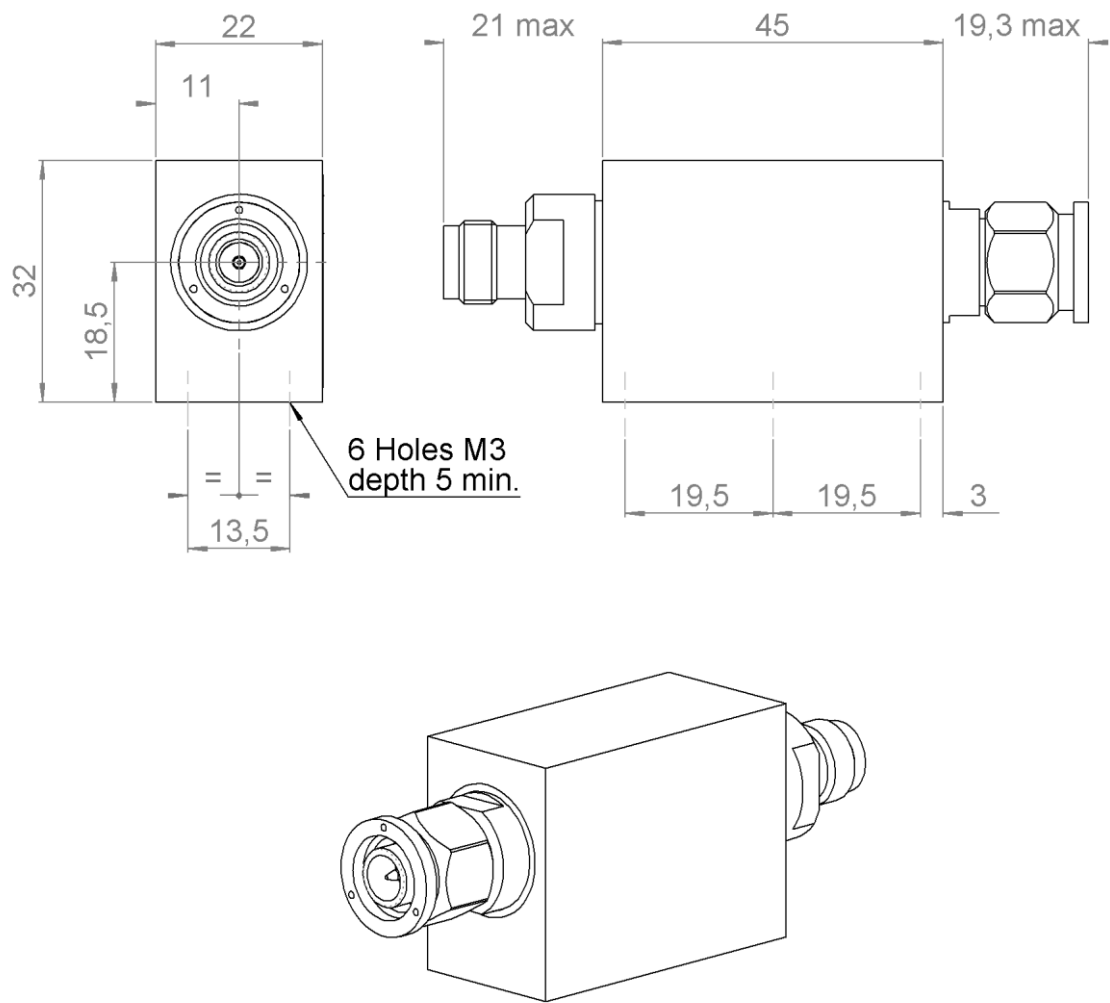
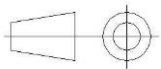


PAGE 1/2	ISSUE 30-08-18C	SERIES ATTENUATOR	PART NUMBER R417603130
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All dimensions are in mm. Tolerances according ISO 2768 m-H



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 ANODIZATION

PAGE 2/2

ISSUE **30-08-18C**

SERIES  
**ATTENUATOR**

PART NUMBER **R417603130**

### ELECTRICAL CHARACTERISTICS

Frequency (GHz)	<b>DC - 1</b>	<b>1 - 2</b>	<b>2 - 4</b>
V.S.W.R ( $\leq$ )	<b>1.10</b>	<b>1.20</b>	<b>1.35</b>
Deviation( $\pm$ dB)	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>

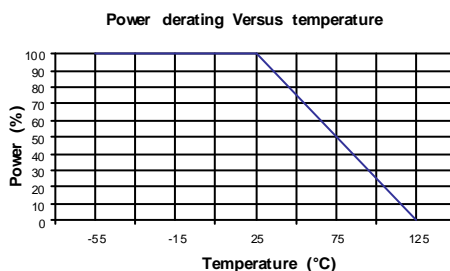
Operating Frequency Range	<b>DC - 4</b>	GHz
Impedance	<b>50</b>	$\Omega$
Nominal Attenuation	<b>3</b>	dB
Peak power at 25°C (1 $\mu$ s, 1%)	<b>5000</b>	W
Average power at 25°C		W (Free Air Cooled)
	<b>30</b>	W (Conduction Cooled)
<b>For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required</b>		

### MECHANICAL CHARACTERISTICS

Connectors	<b>TNC</b>	<b>Male Female</b>	<b>MIL-C 39012</b>
Weight	<b>129,0000</b> g		

### ENVIRONMENTAL CHARACTERISTICS

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



### SPECIFICATION

### OTHER CHARACTERISTICS

# Mouser Electronics

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