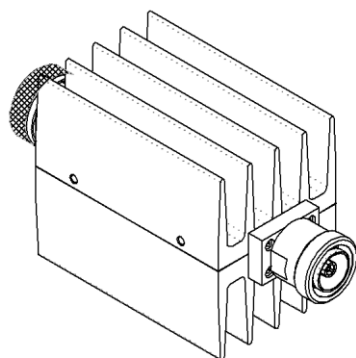
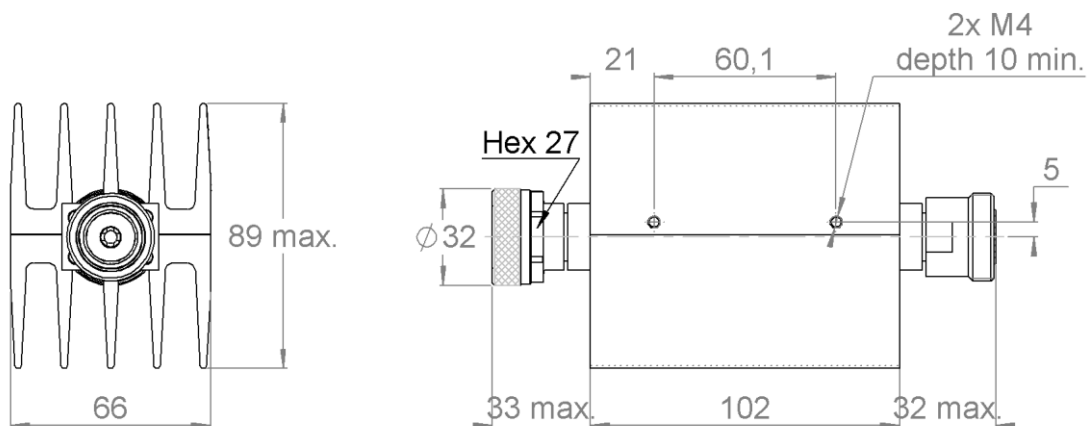
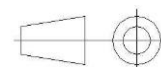


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All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (µm)
Body	BRASS	BBR 3
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	BRASS	BBR 0.5 OVER SILVER 5
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Substrate	ALUMINA	
Resistor	THICK FILM	
Others parts	ALUMINIUM	BLACK PAINTING

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SERIES  
**ATTENUATOR**

PART NUMBER **R420703110**

### ELECTRICAL CHARACTERISTICS

Frequency (GHz)	<b>DC - 1</b>	<b>1 - 2</b>	<b>2 - 3</b>
V.S.W.R ( $\leq$ )	<b>1.10</b>	<b>1.25</b>	<b>1.30</b>
Deviation( $\pm$ dB)	<b>1</b>	<b>1</b>	<b>1</b>

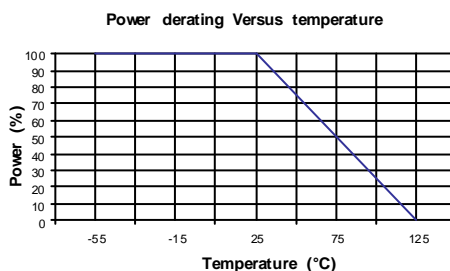
Operating Frequency Range	<b>DC - 3</b>	GHz
Impedance	<b>50</b>	$\Omega$
Nominal Attenuation	<b>3</b>	dB
Peak power at 25°C (1 $\mu$ s, 1%)	<b>5000</b>	W
Average power at 25°C	<b>100</b>	W (Free Air Cooled)
		W (Conduction Cooled)

### MECHANICAL CHARACTERISTICS

Connectors	<b>7-16</b>	<b>Male Female</b>	<b>IEC 169-4</b>
Weight	<b>870,4800</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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