



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

TCAS Ceramic Bandpass Filter

Part Number: AM1090B472



Electrical specifications

Center Frequency: 1090 MHz

Bandwidth: 10 MHz

Input / Output Impedance: 50 Ohms

Passband: 1085-1095 MHz

Passband Insertion Loss: 1085-1095 MHz 4.5 dB

Passband Return Loss: 1085-1095 MHz 10.0 dB

Rejection: 1065 MHz 55.0 dB min

Rejection 2: 1113 MHz 55.0 dB

Power Handling: 5 W

Mechanical

Mounting Method: SMT

Dimensions: 47.921 x 10.287 x 7.85 mm

Environmental

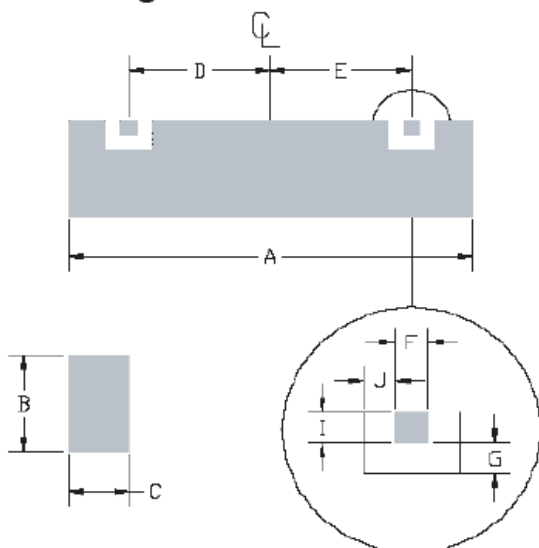
Operating Temperature: -30°C to +70°C

Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Mechanical Drawing



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	47.921	max
B	10.287	max
C	7.850	max
D	18.212	0.127
E	18.212	0.127
F	2.032	0.127
G	0.635	0.127
I	1.397	0.127
J	0.635	0.127



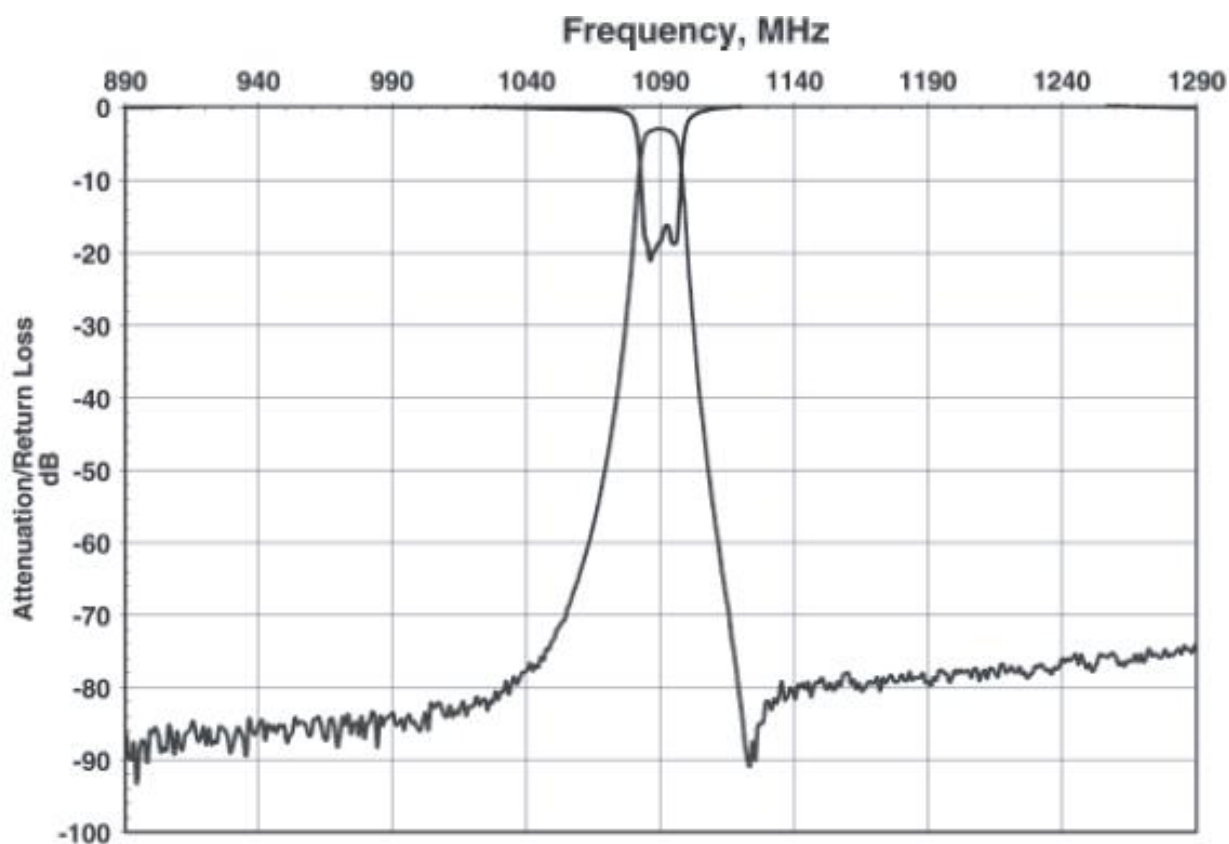
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Response Plot:





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PCB Layout:

