



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

INMARSAT Ceramic Bandpass Filter

Part Number: AM1542B964



Electrical specifications

Center Frequency: 1542 MHz

Bandwidth: 34 MHz

Input / Output Impedance: 50 Ohms

Passband: 1525–1559 MHz

Passband Insertion Loss: 1525–1559 MHz 2.5 dB

Passband Ripple: 1525 – 1559 MHz 1.0 dB

Passband Return Loss: 1525 – 1559 MHz 9.5 dB

Rejection: 1475 MHz 14.0 dB

Rejection 2: 1626 MHz 24.0 dB

Rejection 3: 1650–1661 MHz 32.0 dB

Power Handling: 1 Watt max

Mechanical

Mounting Method: SMT

Dimensions: 11.9 x 8.9 x 4.496 mm

Environmental

Operating Temperature: -40°C to +70°C

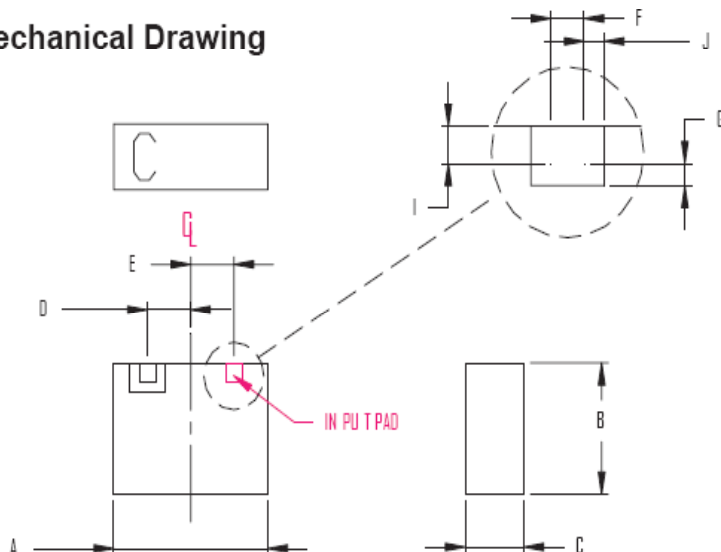
Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Mechanical Drawing:

Mechanical Drawing



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	11.9	Max
B	8.9	Max
C	4.496	Max
D	3.302	0.127
E	3.302	0.127
F	1.27	0.127
G	0.762	0.127
I	1.27	0.127
J	0.762	0.127



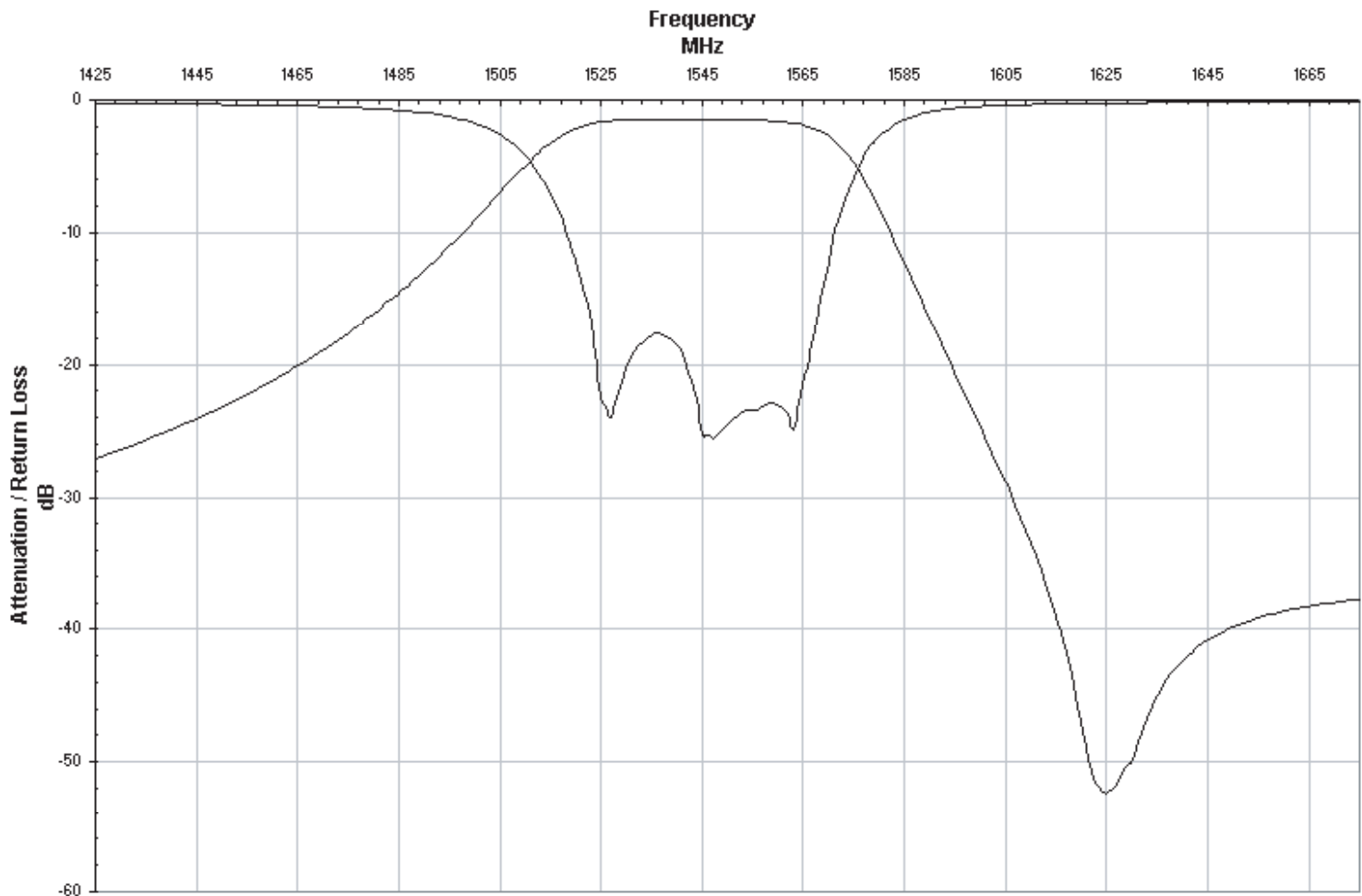
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Response Plot:



Typical Response Curve