ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

GPS 1575 MHz BPF

Part Number: AM1575B321

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 1575 MHz
Bandwidth: 4 MHz
Input / Output Impedance: 50 Ohms
Passband: 1573.42–1577.42 MHz
Passband Insertion Loss: 1573.42–1577.42 MHz 1.5dB
Passband Ripple: 1573.42–1577.42 MHz 0.5 dB max
Passband Return Loss: 1573.42–1577.42 MHz 11 dB
Rejection: 824–849 MHz 50 dB min
Rejection 2: 1850–1910 MHz 45 dB min
Rejection 3: 1710–1785 MHz 20 dB min
Rejection 4: 2400–2484 MHz 20 dB min
Power Handling: 1 W

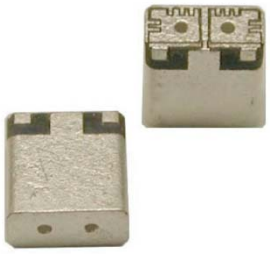
Mechanical

Mounting Method: SMT
Dimensions: 4.2 x 4 x 2 mm

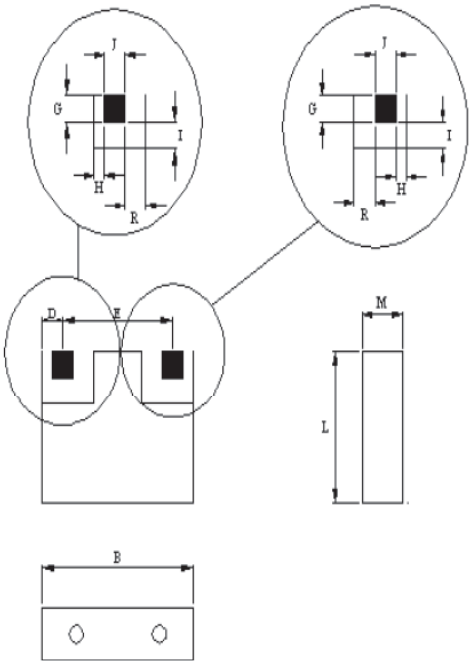
Environmental

Operating Temperature: -40°C to +85°C
Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Outline Drawing:



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A		
B	4.0	max
C		
D	0.53	0.13
E	2.9	0.13
F		
G	0.51	0.13
H	0.25	0.13
I	0.51	0.13
J	0.51	0.13
L	4.2	max
M	2.0	max
R	0.51	0.13

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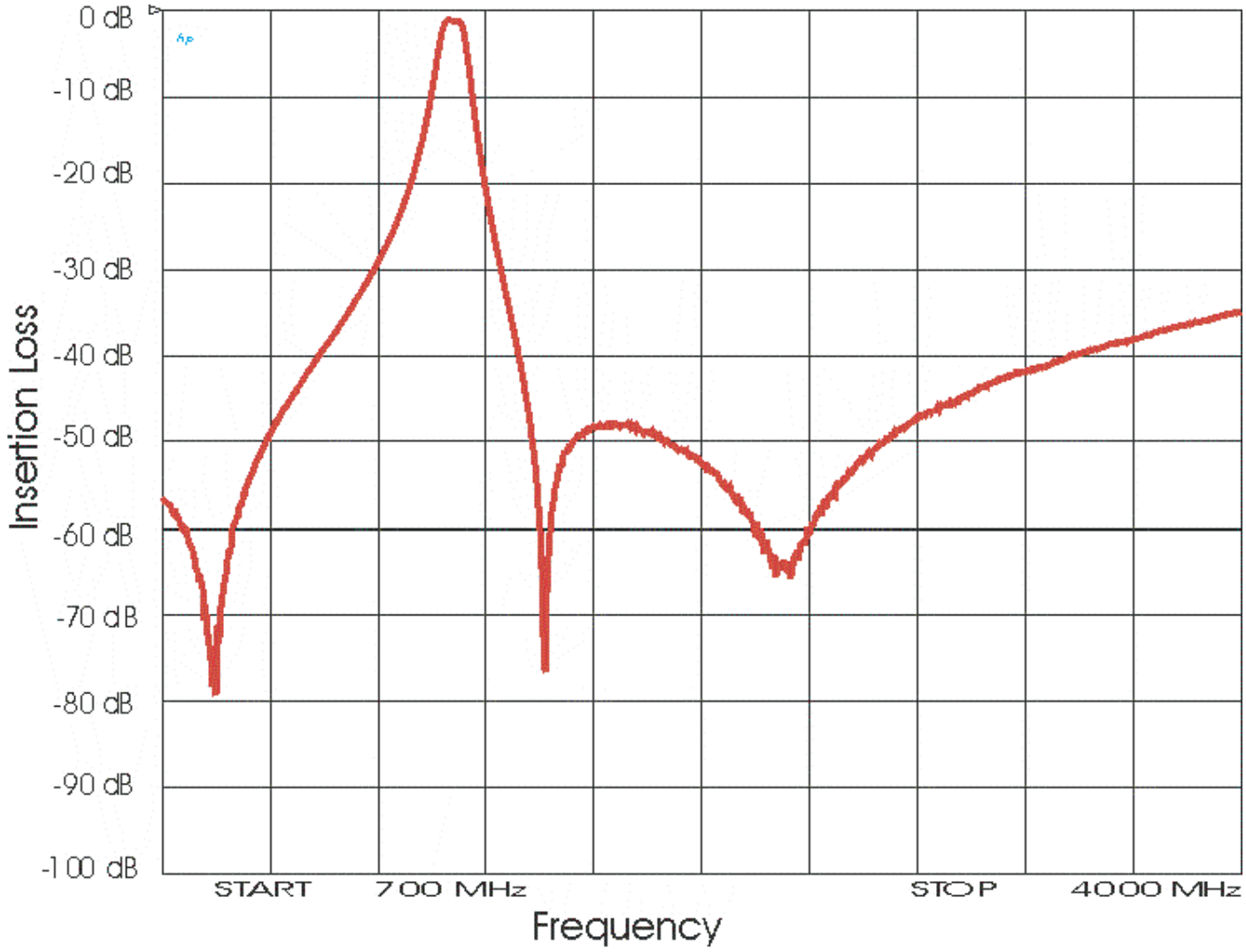
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Response Plot:



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