



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

GPS Bandpass

Part Number: AM1575B510



Electrical specifications

Center Frequency: 1575 MHz
Bandwidth: 21 MHz
Input / Output Impedance: 50 Ohms
Passband: 1564.4–1585.4 MHz
Passband Insertion Loss: 1564.4–1585.4 MHz 1.8 dB
Passband Ripple: 1.0 dB max
Passband Return Loss: 1564.4–1585.4 MHz 10.0 dB
Rejection: 1435.4 MHz 35.0 dB min
Rejection 2: 1540.4 MHz 7.0 dB max
Rejection 3: 1610.4 MHz 7.0 dB min
Rejection 4: 1715.4 MHz 30.0 dB min
Power Handling: 1 W

Mechanical

Mounting Method: SMT
Dimensions: 11.75 x 7.55 x 4.50 mm

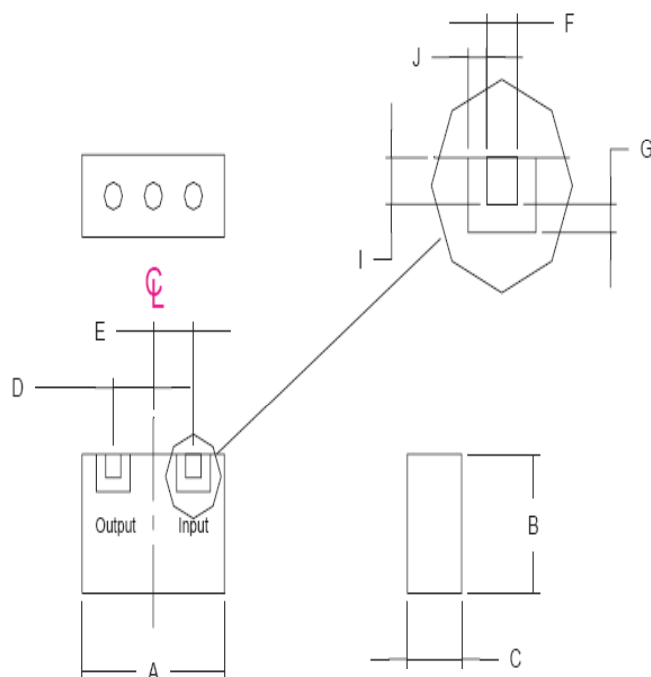
Environmental

Operating Temperature: -30°C to +70°C
Storage Temperature: -50°C to +90°C

This product is RoHs compliant.



Outline Drawing:



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	11.75	Max
B	7.55	Max
C	4.50	Max
D	3.30	0.127
E	3.30	0.127
F	1.27	0.127
G	0.76	0.127
I	1.27	0.127
J	0.76	0.127



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Response Plot:

