



**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

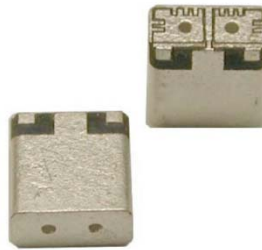
**Mechanical**

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

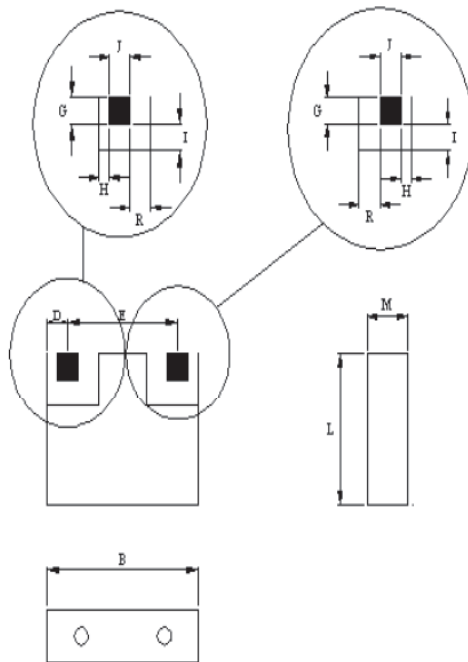
**Environmental**

**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



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# GPS 1575 MHz BPF

## Part Number: AM1575B321



### Response Plot:

