



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

400 MHz Bandpass Filter

Part Number: AE400B6374



Electrical Specifications

Center Frequency: 400 MHz
Bandwidth: 20 MHz
Impedance: 50 Ohms
Rejection: 60dB @ 0- 310 MHz
Rejection: >50dB @355 MHz
Insertion loss: 3dB
VSWR: 1.5:1

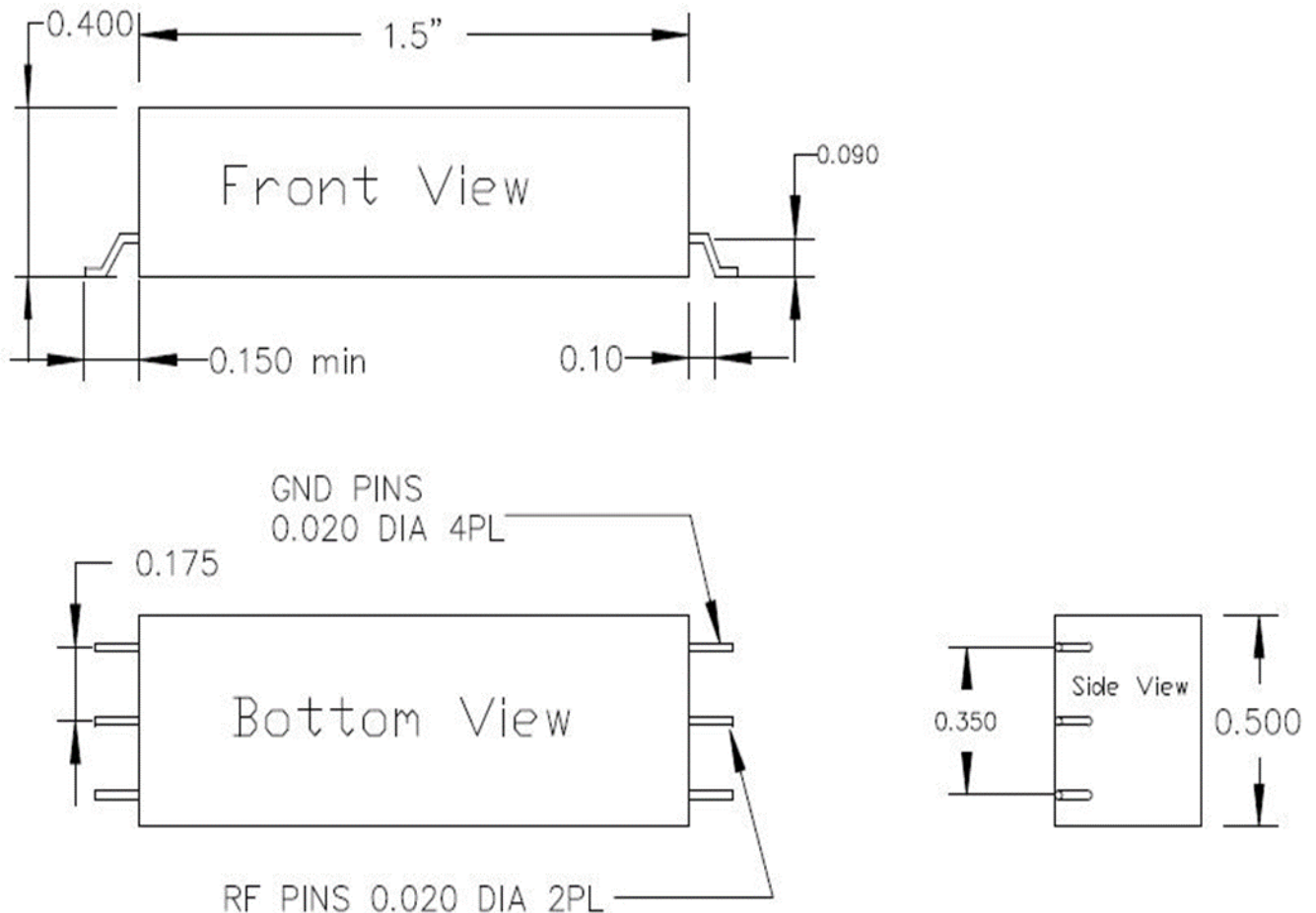
Mechanical

Mounting Method : Surface Mount
Connector Type: RF Pins 0.020 input pins
Dimensions: 1.5" X 0.5" x 0.4" in.

Environmental

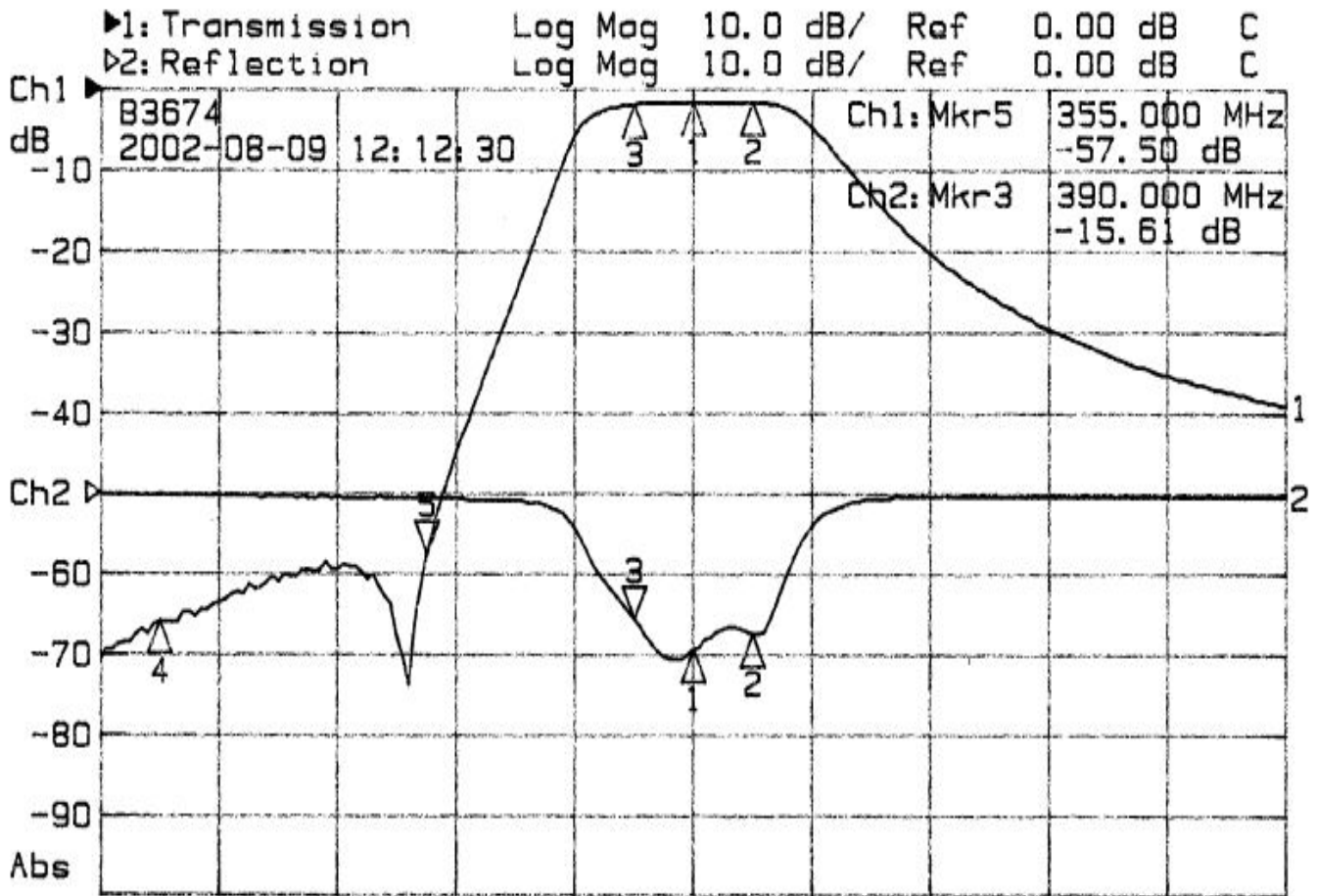
Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:





Response Plot:



Start 300.000 MHz Stop 500.000 MHz

| 1: Mkr (MHz) | dB | 2: Mkr (MHz) | dB | | |
|--------------|--------|--------------|----|--------|--------|
| 1: | 400.00 | -1.47 | 1: | 400.00 | -19.51 |
| 2: | 410.00 | -1.54 | 2: | 410.00 | -17.38 |
| 3: | 390.00 | -1.79 | 3> | 390.00 | -15.61 |
| 4: | 310.00 | -65.93 | | | |
| 5> | 355.00 | -57.50 | | | |