

Electrical Specifications

Center Frequency: 462 MHz

Passband: 454–470 MHz

Insertion Loss @ 462MHz: 4.5 dB Max

Return Loss @ 457–467 MHz: 14 dB Min

Rejection: 60dB Min @ 0-432 MHz

Rejection: 45dB Min @ 492-1000 MHz

Impedance: 50 Ohms

Mechanical

Mounting Method: Surface Mount

Connector Type: SMT

Dimensions: 1.5 X 0.5 x 0.4 in

Environmental

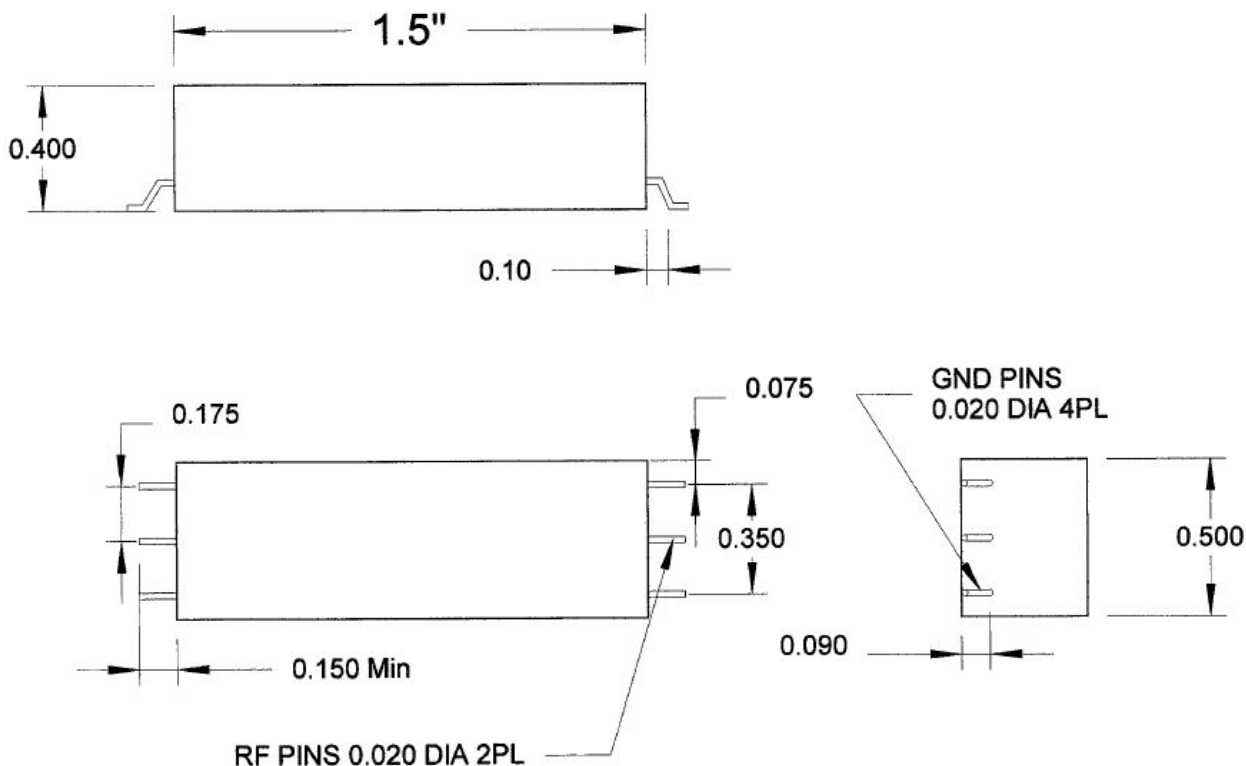
Operating Temperature: -25°C to +70°C

Storage Temperature: -55°C to +90°C

Shock: 10 G. 11ms

Vibration: 10 G. 5 to 200Hz

Outline Drawing:



2 decimal places: +/- 0.01 inches [+/- 0.3mm]

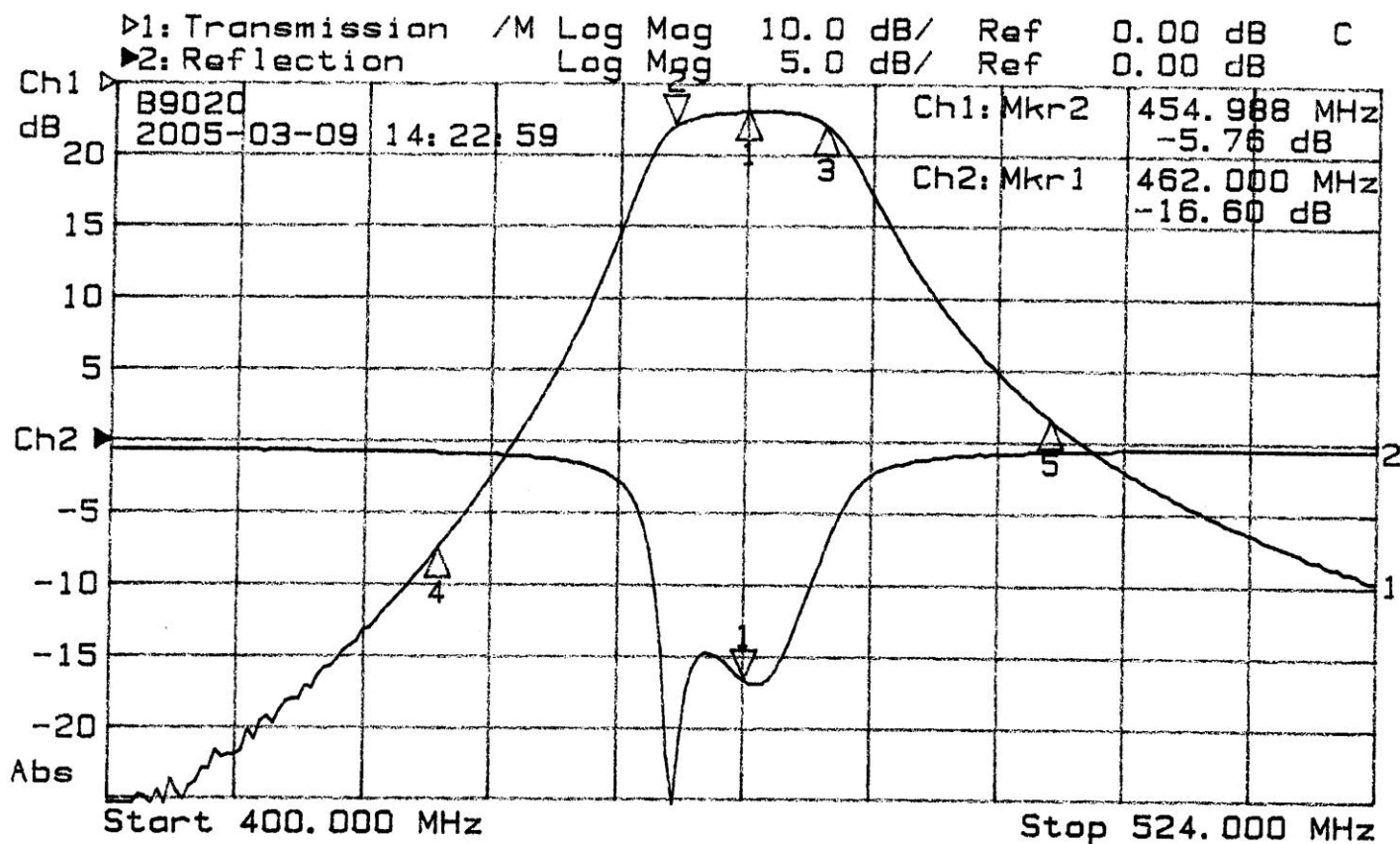
3 decimal places: +/- 0.005 inches [+/- 0.13mm]

Angles: +/- 1 Deg.

When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

DS-B9020-09232024-Rev3

Response Plot:



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 462.00	-3.80	1> 462.00	-16.60
2> 454.99	-5.76		
3: 469.73	-5.85		
4: 432.00	-64.91		
5: 492.00	-47.00		