



### Electrical Specifications

**Center Frequency:** 850 MHz  
**3-dB Bandwidth:** 50 MHz @ 825 MHz to 875 MHz  
**Insertion loss:** <3dB  
**VSWR:** 1.5:1  
**Impedance:** 50 Ohms  
**Rejection:** >60dB @ 0- 750 MHz  
**Rejection:** >60dB @ 1000-2000 MHz

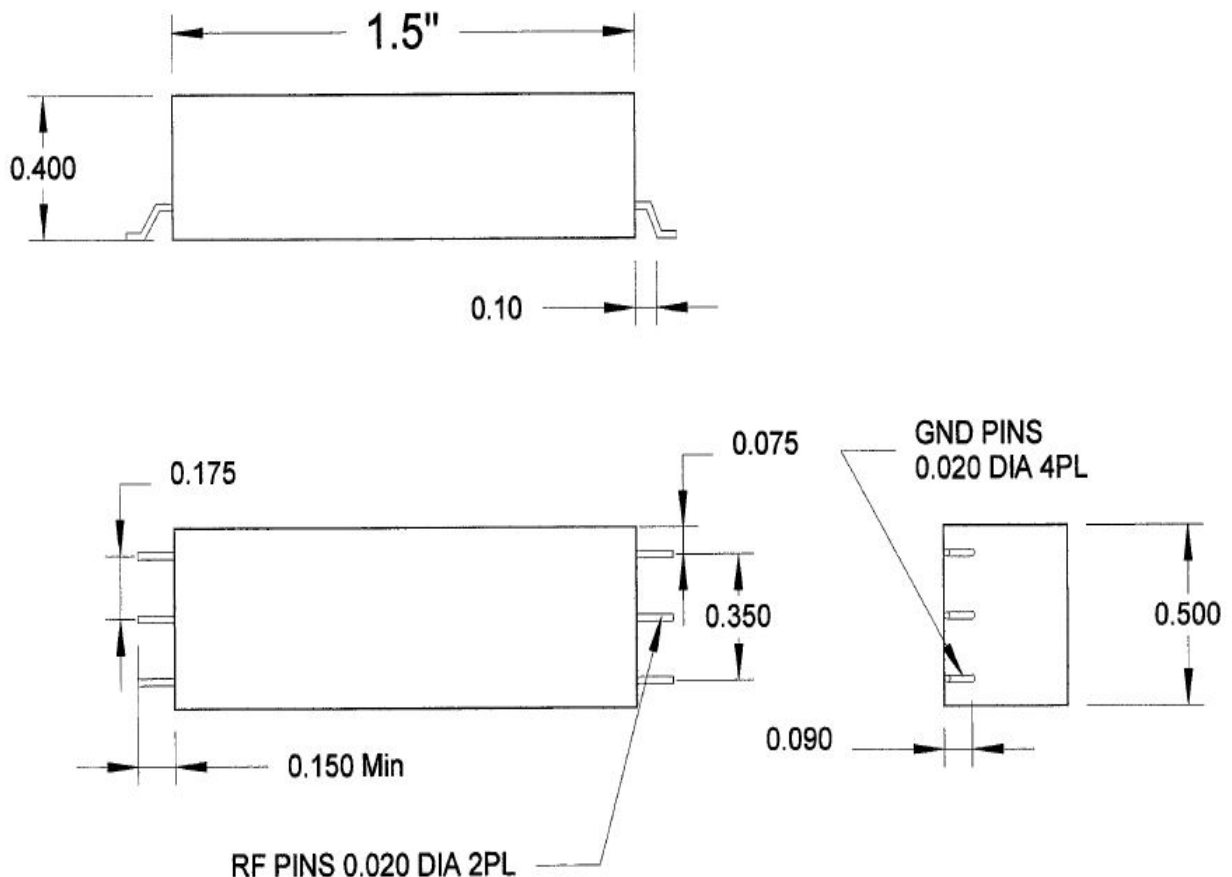
### Mechanical

**Mounting Method:** Surface Mount  
**Connector Type:** SMT RF input pins 0.02"  
**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:



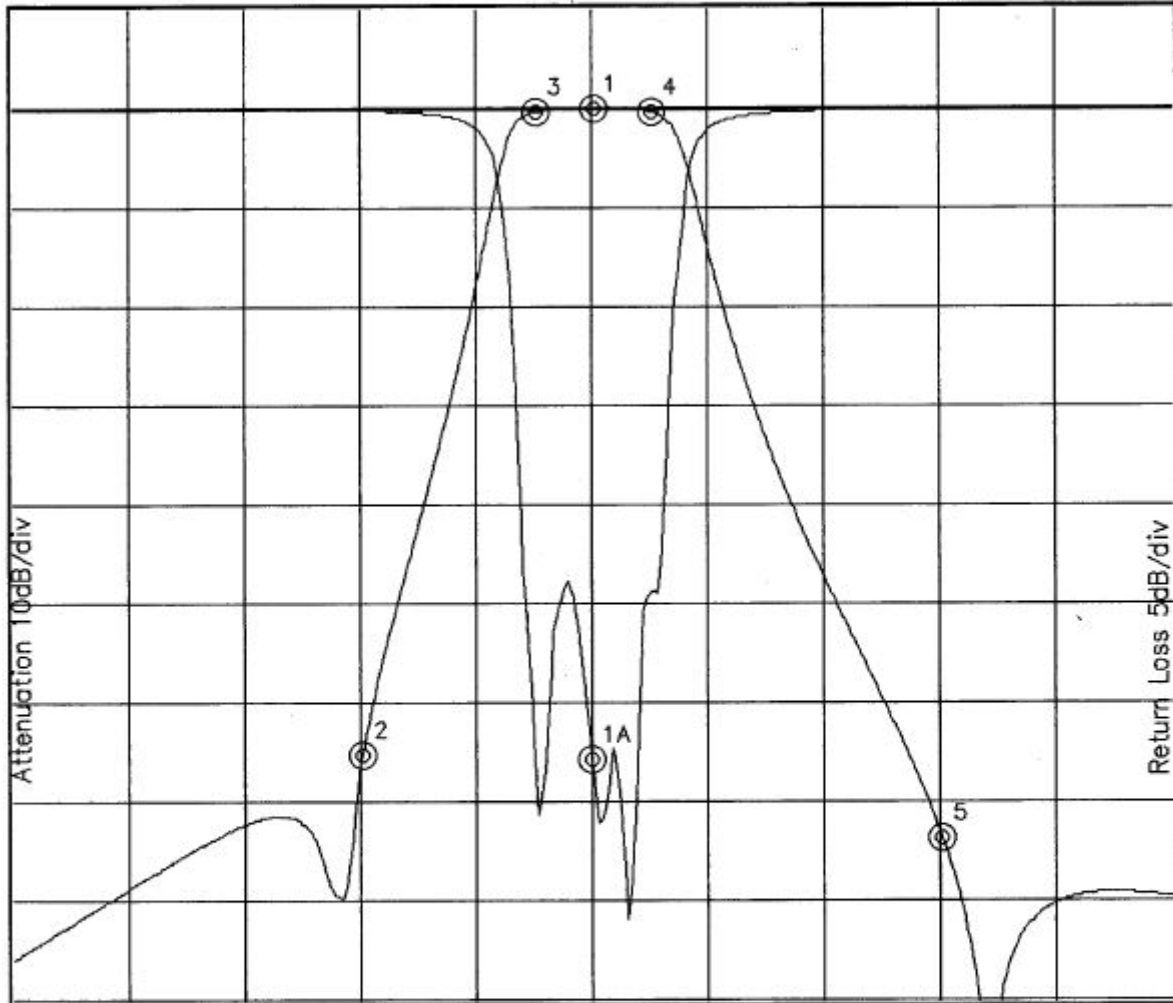


**Response Plot:**

B6456.lad

AUG 9, 2002

Attenuation/Return Loss



Attenuation Start: 600.0MHz Stop: 1.10GHz

Return Loss Start: 600.0MHz Stop: 1.10GHz

Offset -1.5217dB

- Marker 1 Freq 850.40MHz Atten -0.011dB
- Marker 2 Freq 750.24MHz Atten -65.722dB
- Marker 3 Freq 825.36MHz Atten -0.397dB
- Marker 4 Freq 875.44MHz Atten -0.440dB
- Marker 5 Freq 1.001GHz Atten -74.093dB

Marker 1A Freq 849.59MHz Ret Loss -33.064dB