



### Electrical Specifications

**Cutoff Frequency (Fc):** 402 MHz

**Passband:** 402-1500 MHz

**Passband Insertion Loss:** 1.0dB Max.

**Passband Return Loss:** 14dB Min.

**Rejection:** 40 dB Min. @ 0-382 MHz

### Mechanical

**Connector Type:** SMA(F)

**Dimensions:** 2.5" x 0.75" x 0.5"

### Environmental

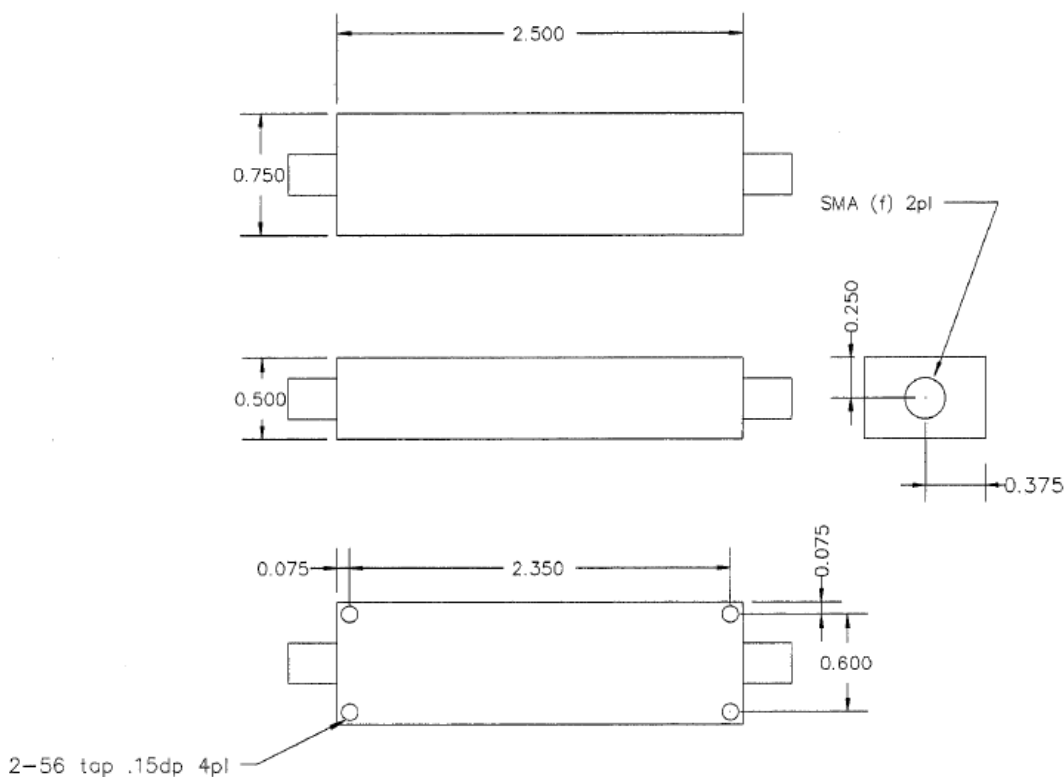
**Operating Temperature:** -25°C to +70°C

**Storage Temperature:** -40°C to +90°C

**Shock:** 10 G. 11ms

**Vibration:** 10 G. 5 to 200Hz

### Outline Drawing:



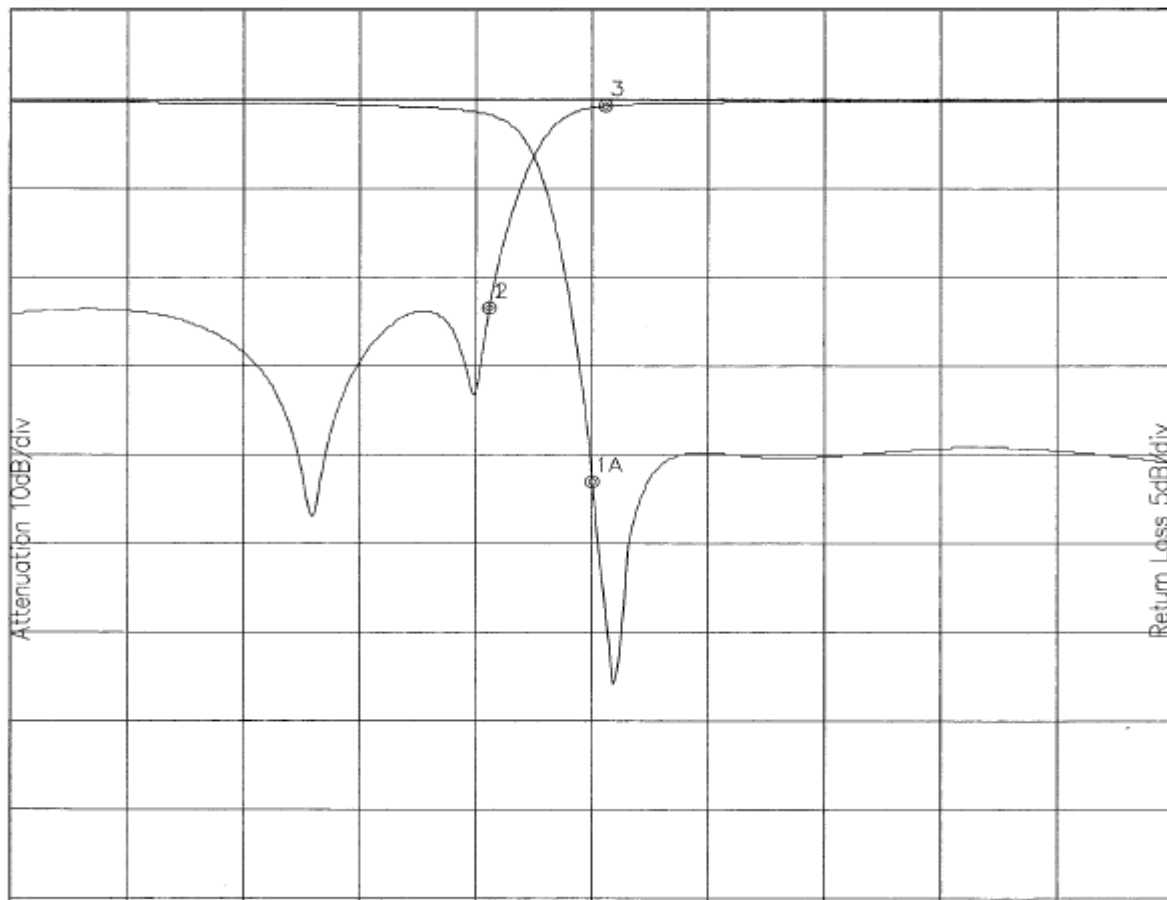


### Simulation Plot :

H9762.lad

APR 27, 2006

Attenuation/Return Loss



Attenuation Start: 300.0MHz Stop: 500.0MHz

Return Loss Start: 300.0MHz Stop: 500.0MHz

Marker 1 Freq 382.06MHz Atten -23.552dB

Marker 1A Freq 399.83MHz Ret Loss -21.486dB

Marker 2 Freq 382.06MHz Atten -23.552dB

Marker 3 Freq 402.10MHz Atten -0.725dB