



Electrical Specifications

Center Frequency: 3.5 MHz
Bandwidth: 1 MHz
Passband : 3 MHz to 4 MHz
Insertion Loss: ≤ 2dB
Return Loss: >15dB @3.6 MHz to 3.8 MHz
Rejection: >50dB @2.36 MHz
Rejection2: >50dB @ 5.08 MHz
Impedance: 50 Ohms

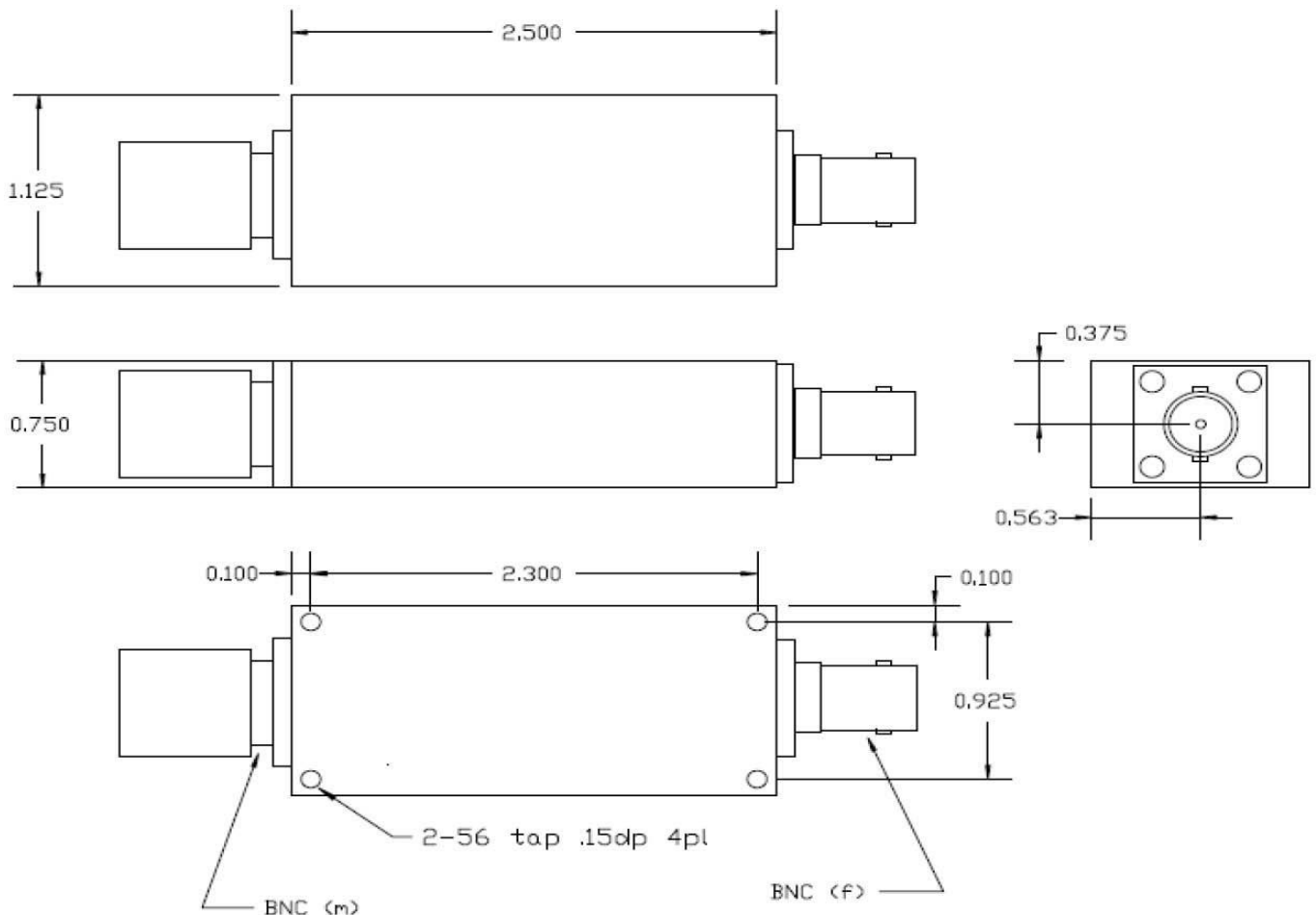
Mechanical

Connector Type: BNC(Male) & BNC(Female)
Dimensions: 2.5" x 1.125" x 0.750" 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:



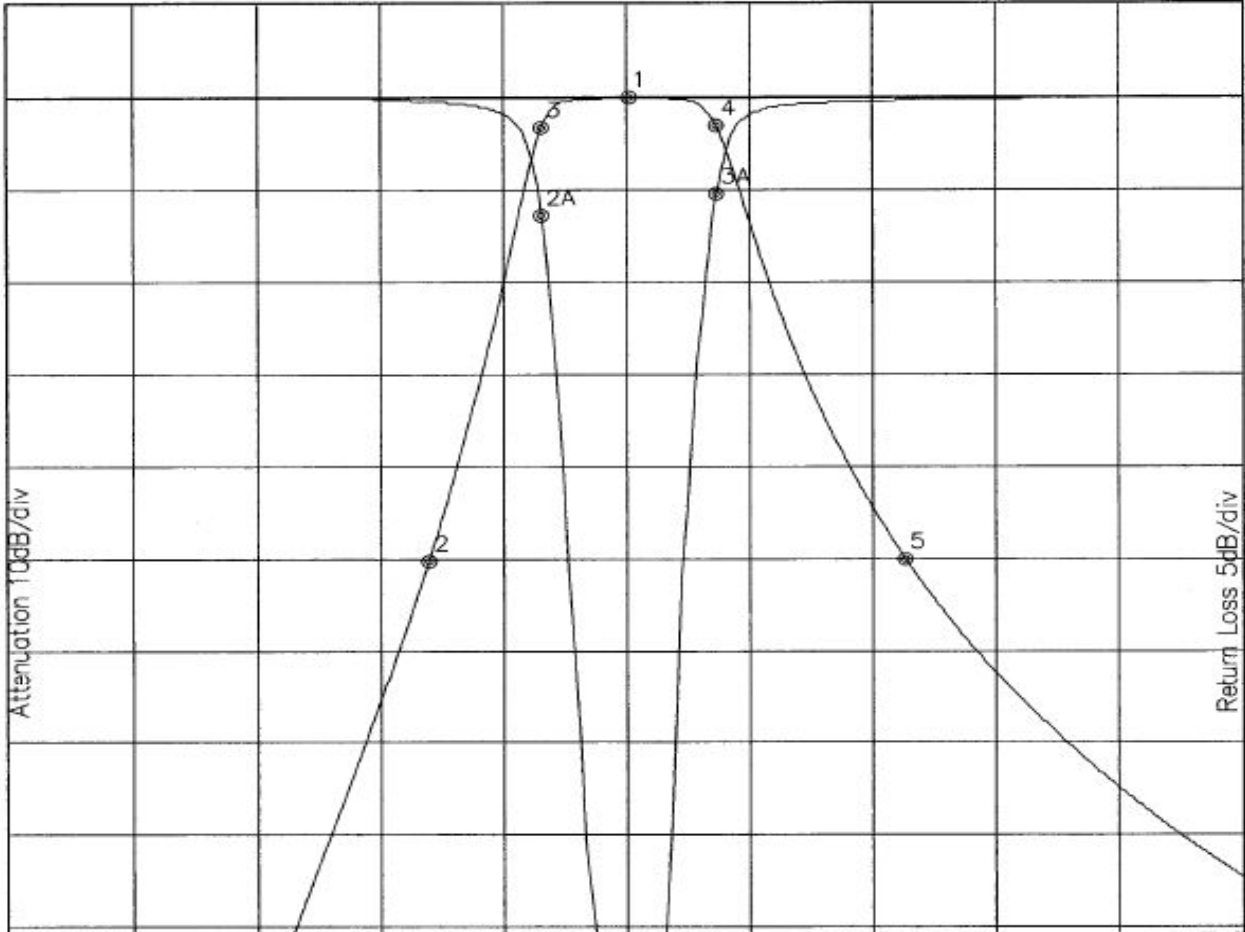


Response Plot:

B9594.lad

AUG 13, 2007

Attenuation/Return Loss



Attenuation Start: 0.001Hz Stop: 7.0MHz

Return Loss Start: 0.001Hz Stop: 7.0MHz

Offset -1.0869dB

Marker 1 Freq 3.506MHz Atten -0.040dB
Marker 2 Freq 2.363MHz Atten -50.124dB
Marker 3 Freq 3.008MHz Atten -3.202dB
Marker 4 Freq 4.003MHz Atten -3.074dB
Marker 5 Freq 5.078MHz Atten -49.906dB

Marker 1A Freq 3.506MHz Ret Loss -55.621dB
Marker 2A Freq 3.008MHz Ret Loss -6.363dB
Marker 3A Freq 4.003MHz Ret Loss -5.261dB