



Electrical specifications

Center Frequency: 451.5 MHz
Bandwidth: 5 MHz
Input / Output Impedance: 50 Ohms
Passband: 449-454 MHz
Passband Insertion Loss: 1 dB
VSWR (input and output): 1.5:1
Rejection: 50 dB @ 320 MHz
Rejection 2: 70 dB @ 900 MHz
Power Handling: 10 Watts

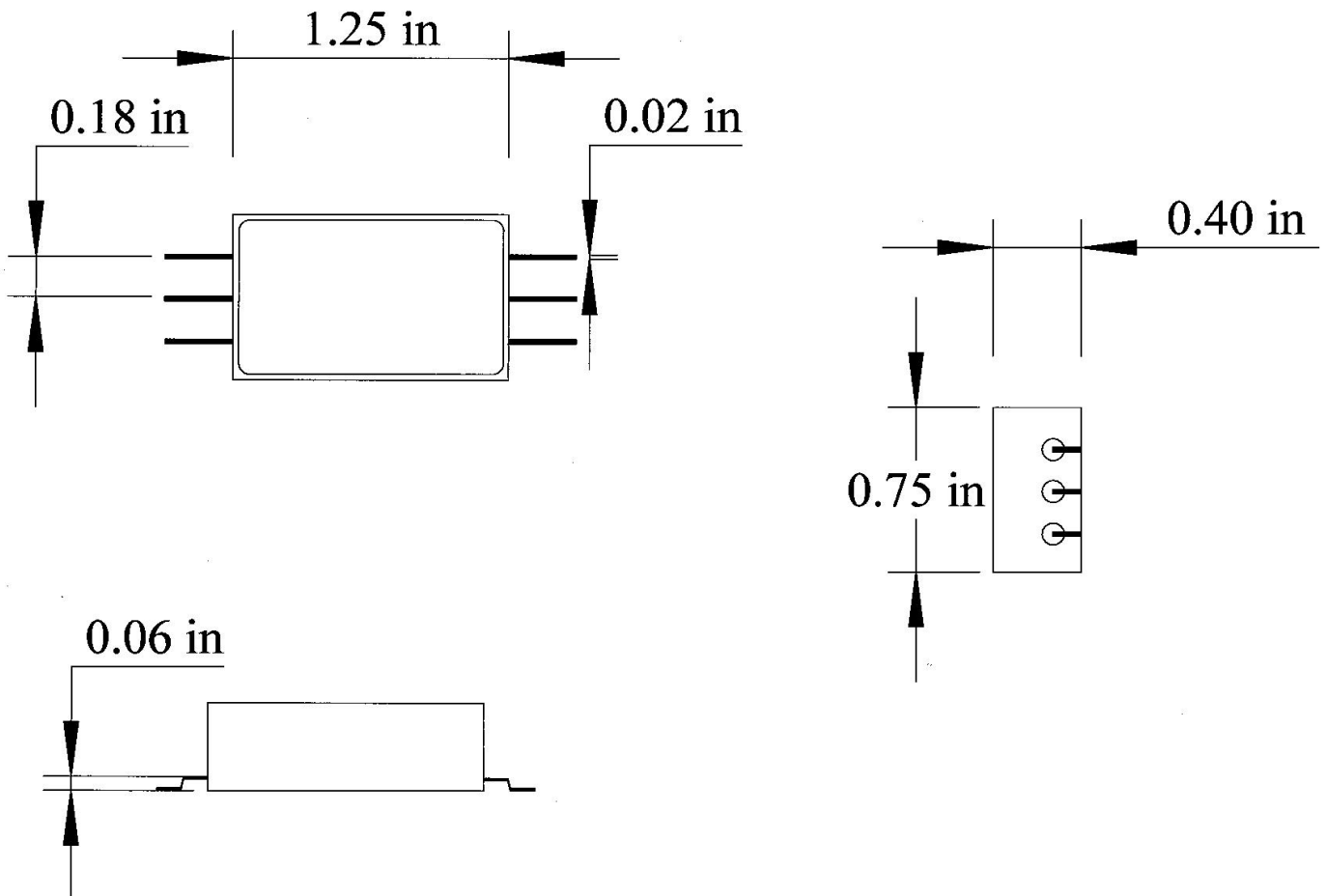
Mechanical

Dimensions: 1.25 x 0.75 x 0.4 inches

Environmental

Operating Temperature: -45 to +85 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



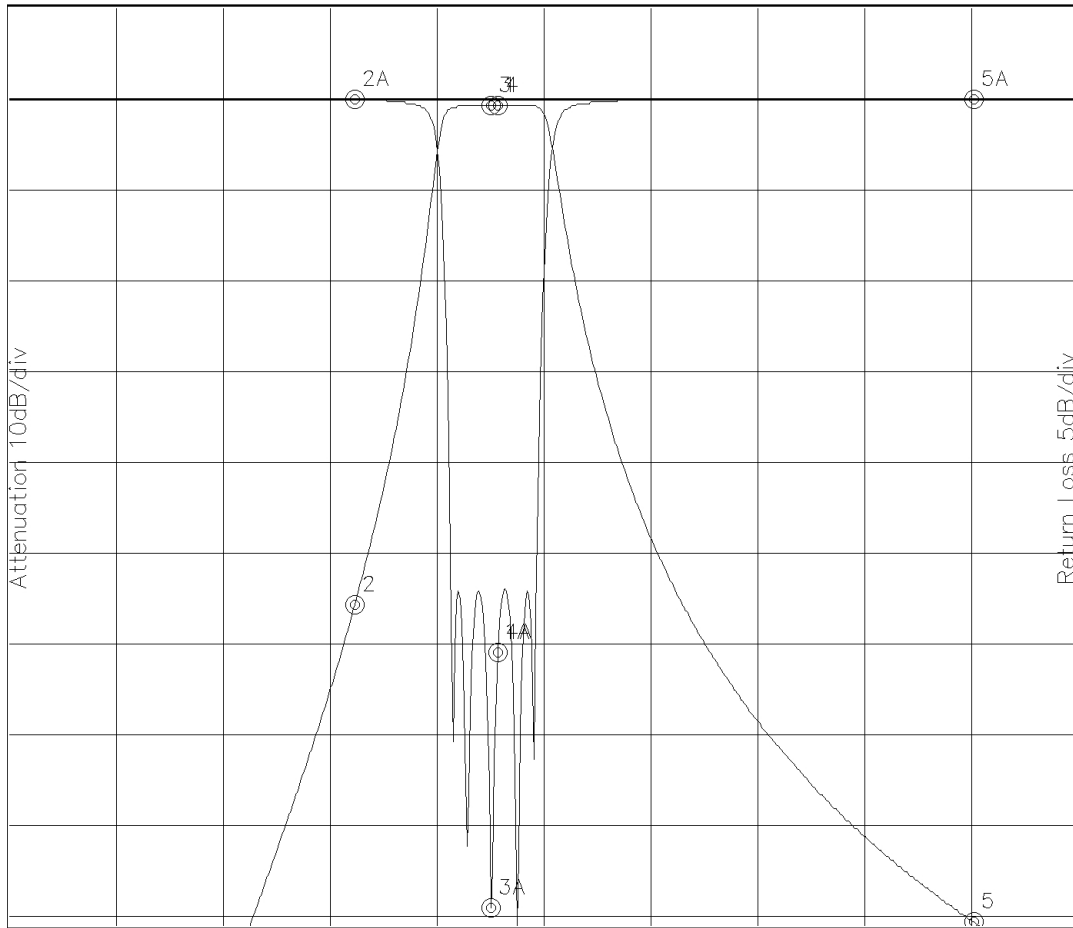


Response Plot:

A518.lad

FEB 6, 2012

Attenuation/Return Loss



Attenuation Start: 0.10Hz Stop: 1000.0MHz

Return Loss Start: 0.10Hz Stop: 1000.0MHz

Marker 1 Freq 455.57MHz Atten -0.558dB
 Marker 2 Freq 321.48MHz Atten -55.492dB
 Marker 3 Freq 449.11MHz Atten -0.559dB
 Marker 4 Freq 455.57MHz Atten -0.558dB
 Marker 5 Freq 901.45MHz Atten -90.320dB

Marker 1A Freq 455.57MHz Ret Loss -30.296dB
 Marker 2A Freq 321.48MHz Ret Loss 0.000dB
 Marker 3A Freq 449.11MHz Ret Loss -44.344dB
 Marker 4A Freq 455.57MHz Ret Loss -30.296dB
 Marker 5A Freq 901.45MHz Ret Loss 0.000dB