



Electrical Specifications

Center Frequency: 70 MHz
Passband: 66-74 MHz at 1 dB
Insertion Loss: 3.8 dB Max at Fo
VSWR: 1.50:1 Max at 66-74 MHz
Phase: ± 4° Max at 66-74 MHz
Stopbands: 40 dB @ DC-59.5 MHz
 60 dB @ 59.5-60 MHz
 39 dB @ 80-210 MHz

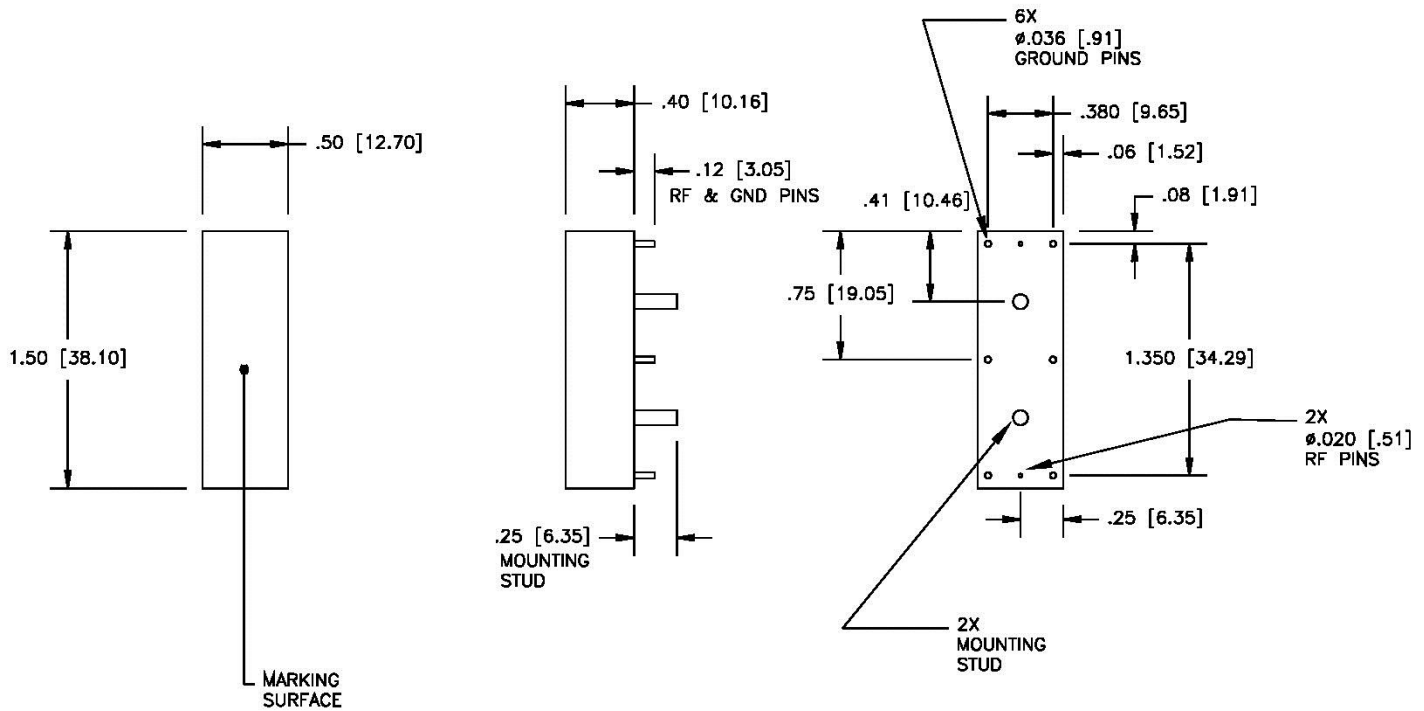
Mechanical

Connector Type: RF Pins
Dimensions: 1.50 x 0.50 x 0.40 Inches

Environmental

Operating Temperature: -20 to +70° C

Outline Drawing:



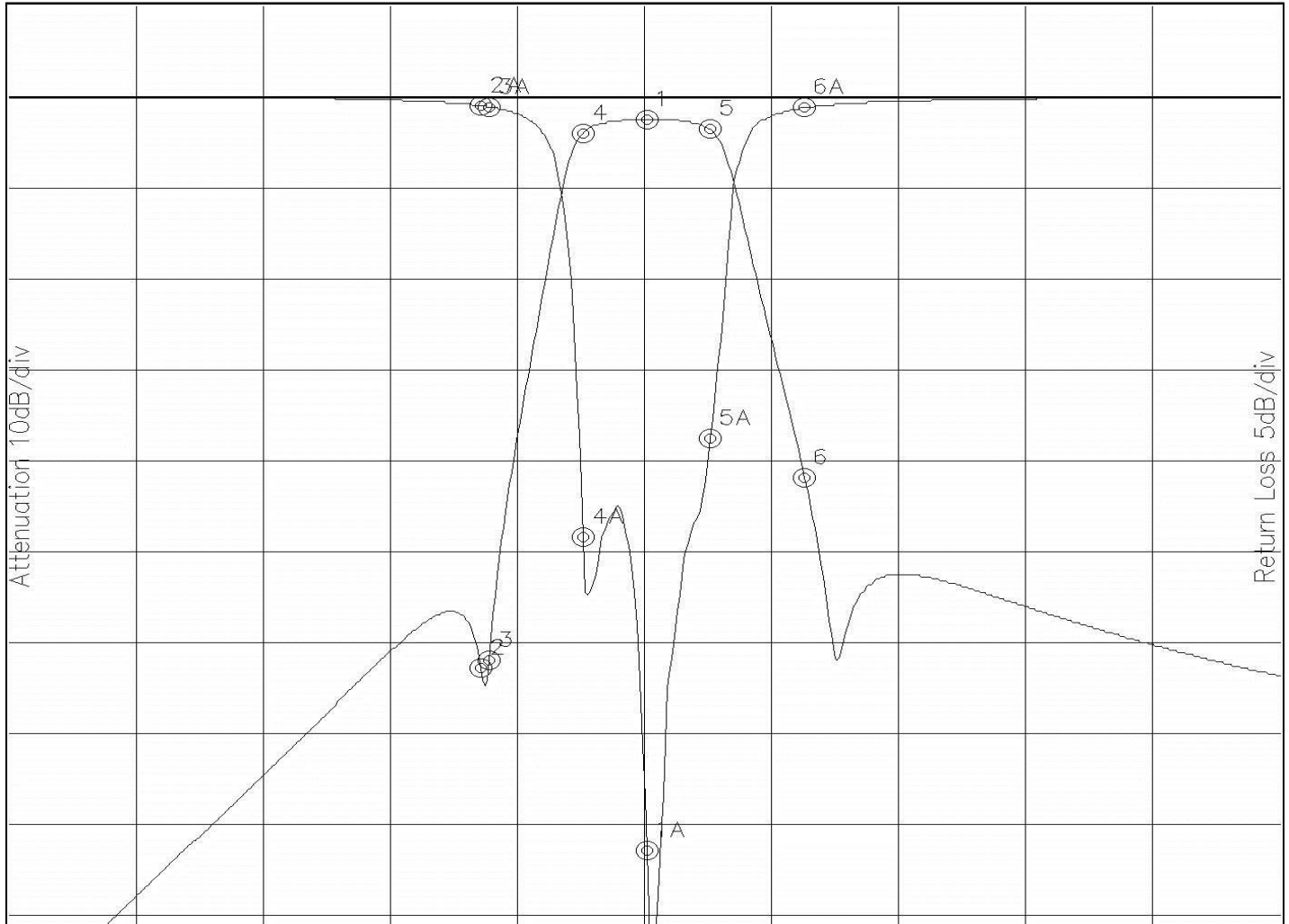


Response Plot:

A486.lad

FEB 18, 2015

Attenuation/Return Loss



Attenuation Start: 30.0MHz Stop: 110.0MHz

Return Loss Start: 30.0MHz Stop: 110.0MHz

Marker 1 Freq 70.065MHz Atten -2.346dB
 Marker 2 Freq 59.596MHz Atten -62.615dB
 Marker 3 Freq 60.113MHz Atten -61.804dB
 Marker 4 Freq 66.058MHz Atten -3.839dB
 Marker 5 Freq 74.071MHz Atten -3.549dB
 Marker 6 Freq 80.016MHz Atten -41.698dB

Marker 1A Freq 70.065MHz Ret Loss -41.299dB
 Marker 2A Freq 59.596MHz Ret Loss -0.446dB
 Marker 3A Freq 60.113MHz Ret Loss -0.510dB
 Marker 4A Freq 66.058MHz Ret Loss -24.090dB
 Marker 5A Freq 74.071MHz Ret Loss -18.662dB
 Marker 6A Freq 80.016MHz Ret Loss -0.558dB

Note: This is a simulation plot. Actual results may differ once the product is implemented.