



Electrical Specifications

Center Frequency: 485 MHz
Pass Band: 480 Min to 490 Max MHz at 3 dB
Insertion Loss: 7.0 dB Max at 485 MHz
In/Out VSWR: 1.25:1 at 485 MHz
Stopbands: >20 dB @ 475 MHz
 >75 dB @ 420 MHz
 40 dB BW 30 MHz Max

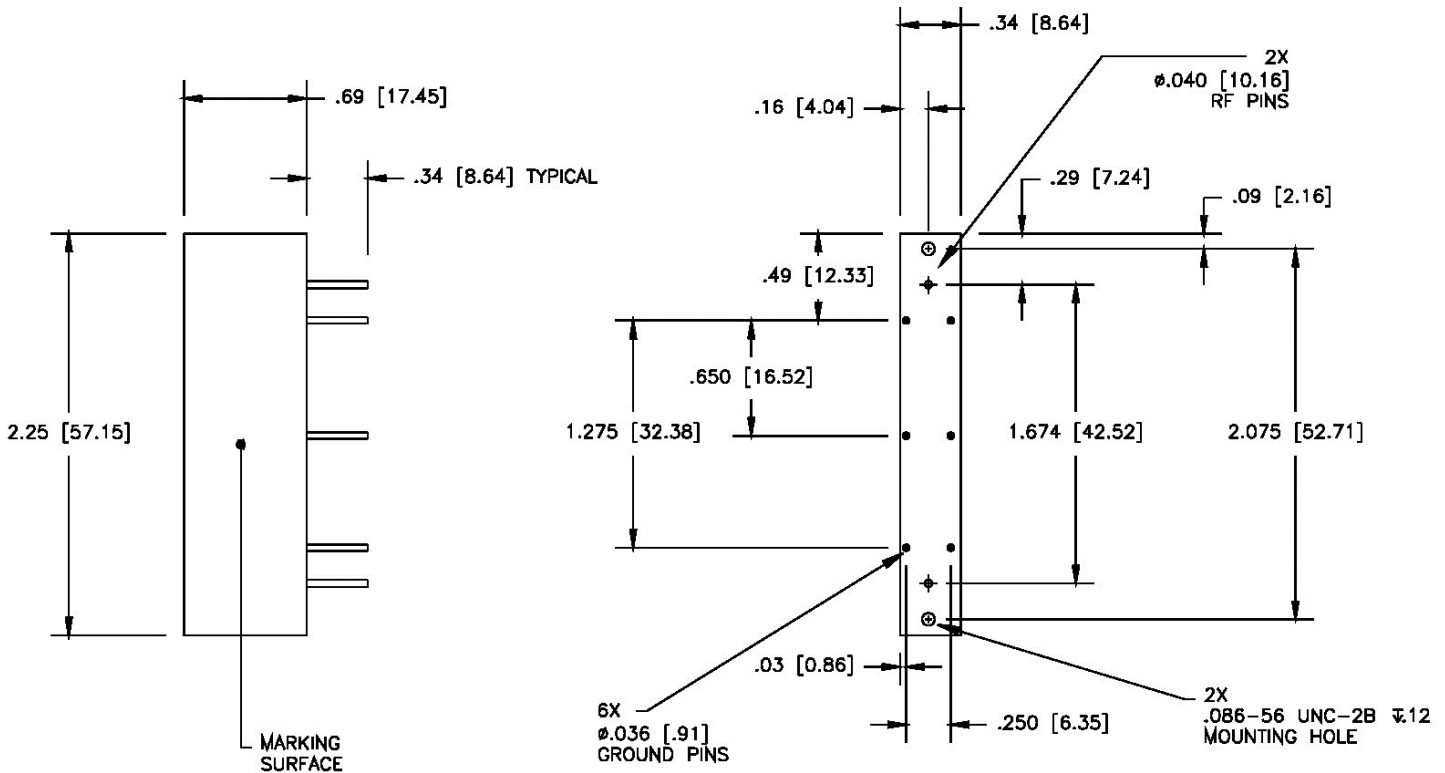
Mechanical

Connector Type: RF Pins
Dimensions: 2.25 x 0.34 x 0.69 Inches

Environmental

Operating Temperature: -30 to +85° C
Storage Temperature: -40 to +95° C
Shock: 20 G. 11 ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



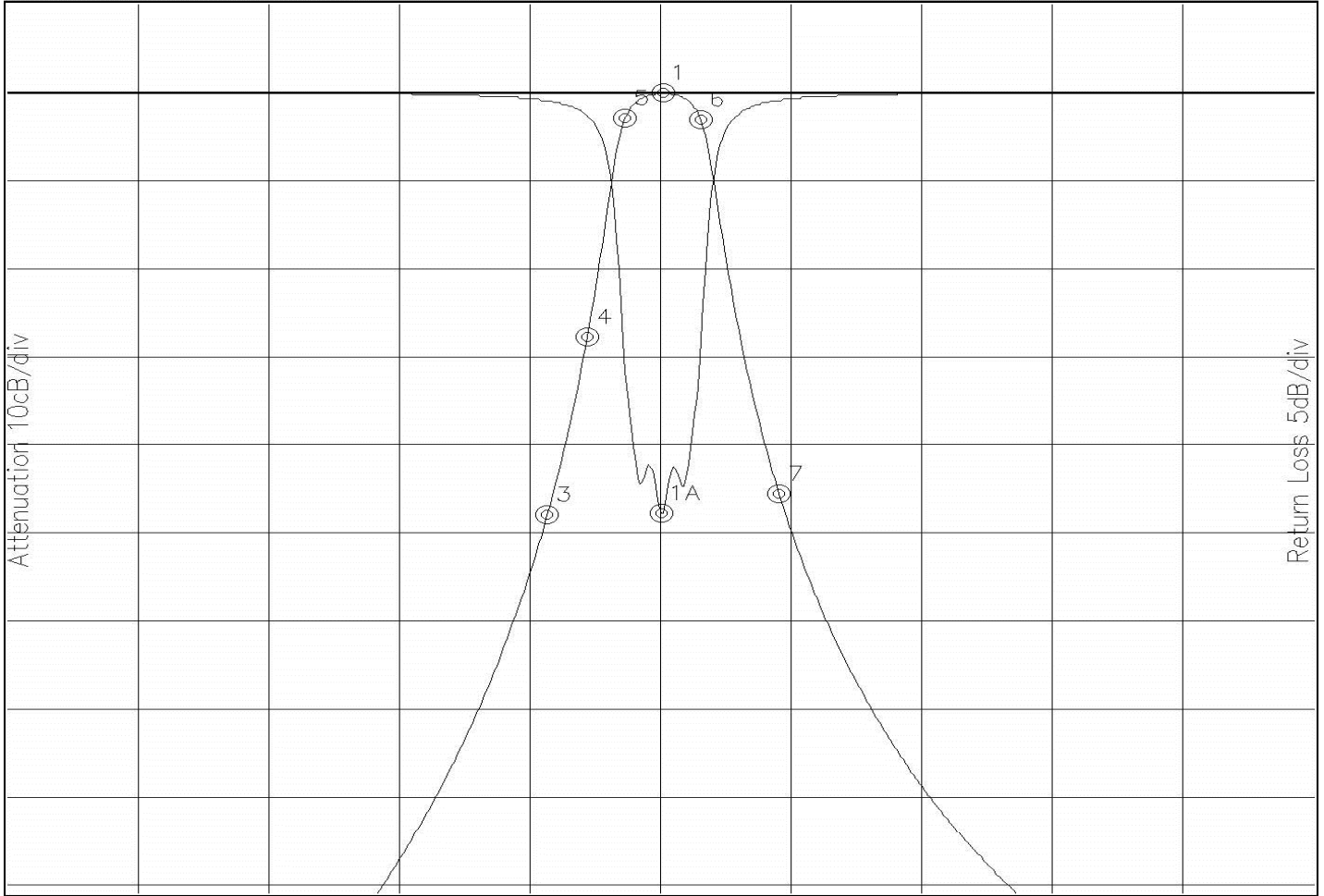


Response Plot:

A514.lad

DEC 17, 2015

Attenuation/Return Loss



Attenuation Start: 400.0MHz Stop: 570.0MHz

Return Loss Start: 400.0MHz Stop: 570.0MHz

Offset -5.4347dB

Marker 1 Freq 485.13MHz Atten -0.055dB
 Marker 2 Freq 420.04MHz Atten -118.816dB
 Marker 3 Freq 470.03MHz Atten -47.862dB
 Marker 4 Freq 475.25MHz Atten -27.699dB
 Marker 5 Freq 480.19MHz Atten -2.859dB
 Marker 6 Freq 490.08MHz Atten -3.130dB
 Marker 7 Freq 500.24MHz Atten -45.336dB

Marker 1A Freq 484.86MHz Ret Loss -23.832dB