



Electrical Specifications

Center Frequency: 495 MHz
Bandwidth: 10 MHz at 3dB
Pass Band: 490 Min to 500 Max MHz at 3 dB
Insertion Loss: 7.0 dB Max at 495 MHz
In/Out VSWR: 1.25:1 @ 495 MHz
Stopbands: >40 dB @ 49 MHz
 >75 dB @ 420 MHz

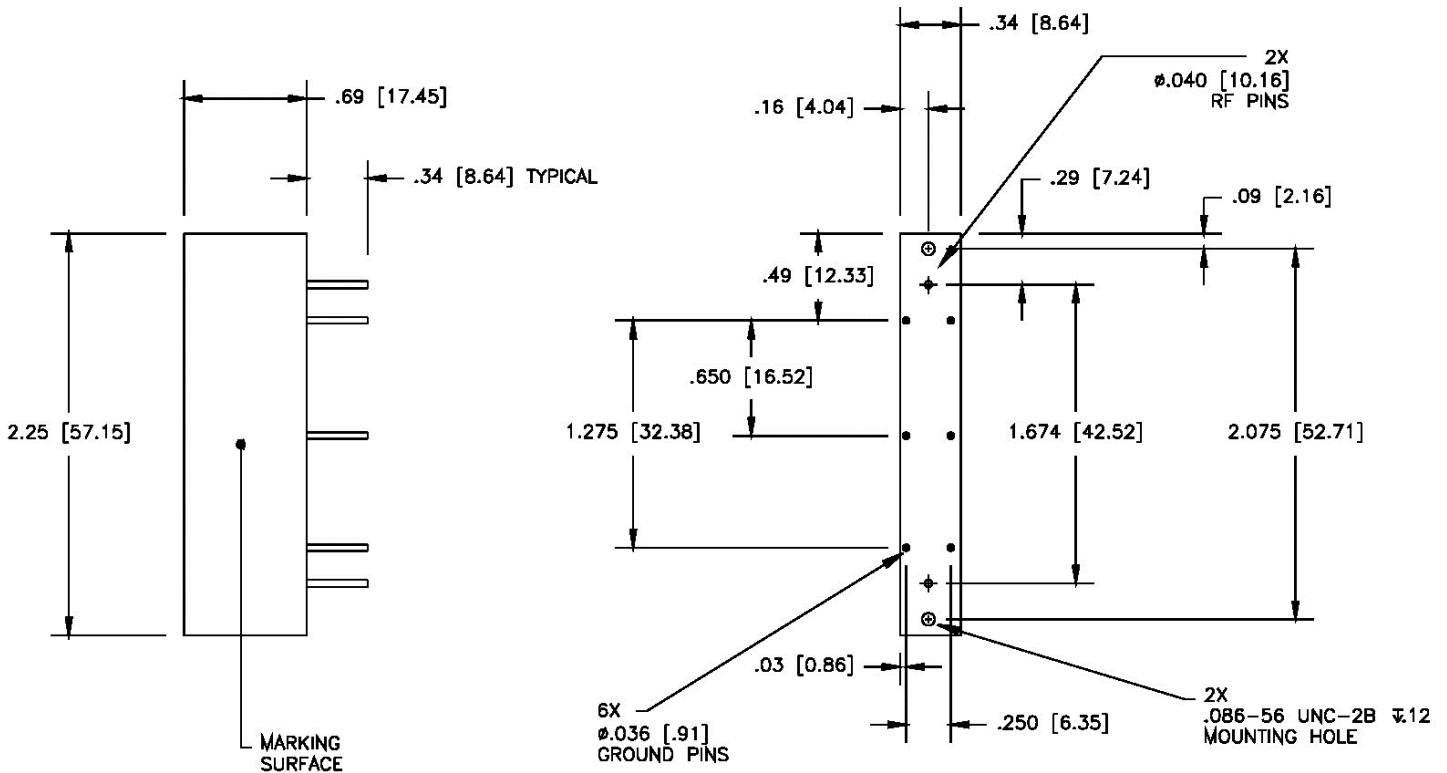
Mechanical

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:



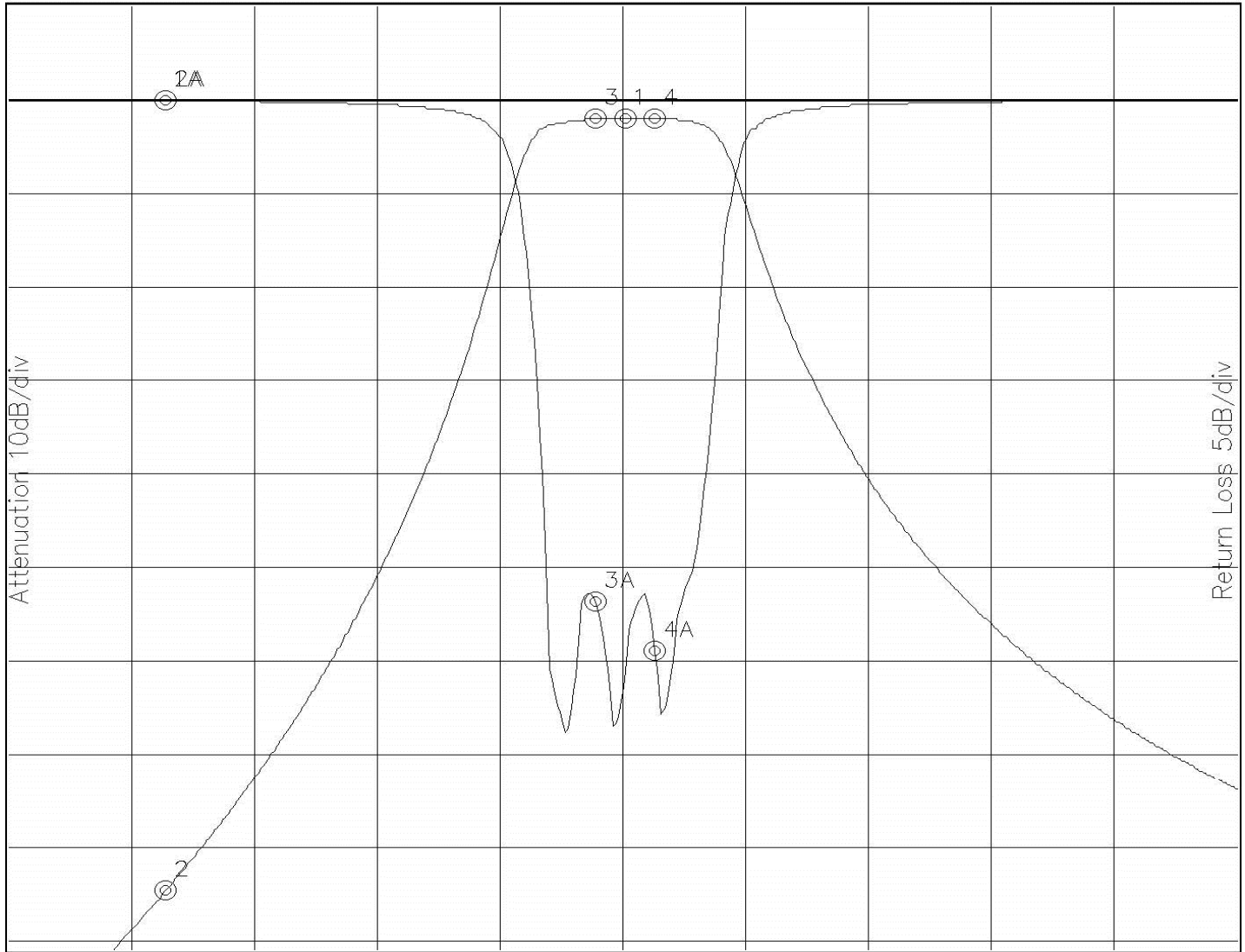


Response Plot:

A485.lad

FEB 18, 2015

Attenuation/Return Loss



Attenuation Start: 395.0MHz Stop: 595.0MHz

Return Loss Start: 395.0MHz Stop: 595.0MHz

Marker 1 Freq 495.16MHz Atten -1.885dB
 Marker 2 Freq 420.20MHz Atten -84.382dB
 Marker 3 Freq 490.31MHz Atten -1.987dB
 Marker 4 Freq 500.00MHz Atten -1.918dB

Marker 1A Freq 420.20MHz Ret Loss 0.000dB
 Marker 2A Freq 420.20MHz Ret Loss 0.000dB
 Marker 3A Freq 490.31MHz Ret Loss -26.775dB
 Marker 4A Freq 500.00MHz Ret Loss -29.328dB