



### 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

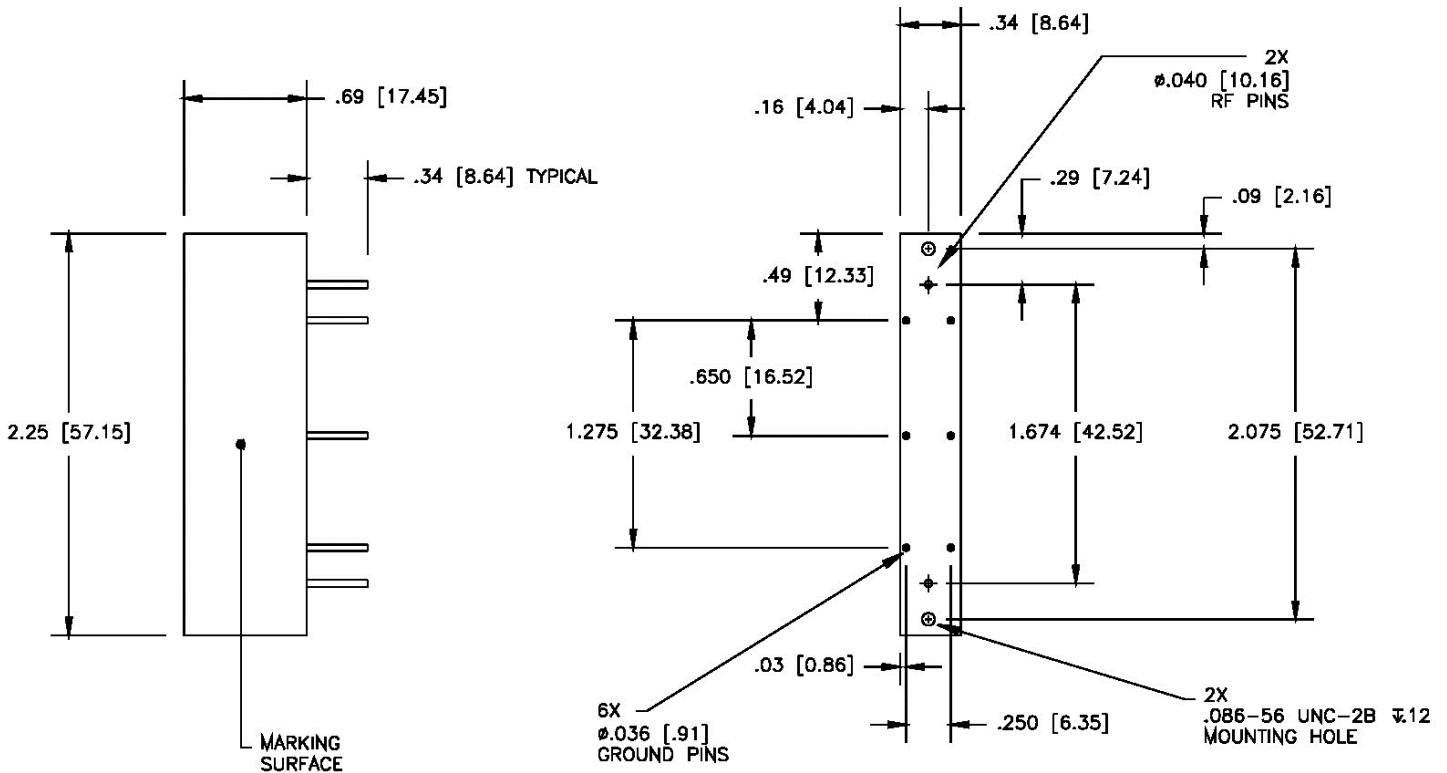
### Mechanical

**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:



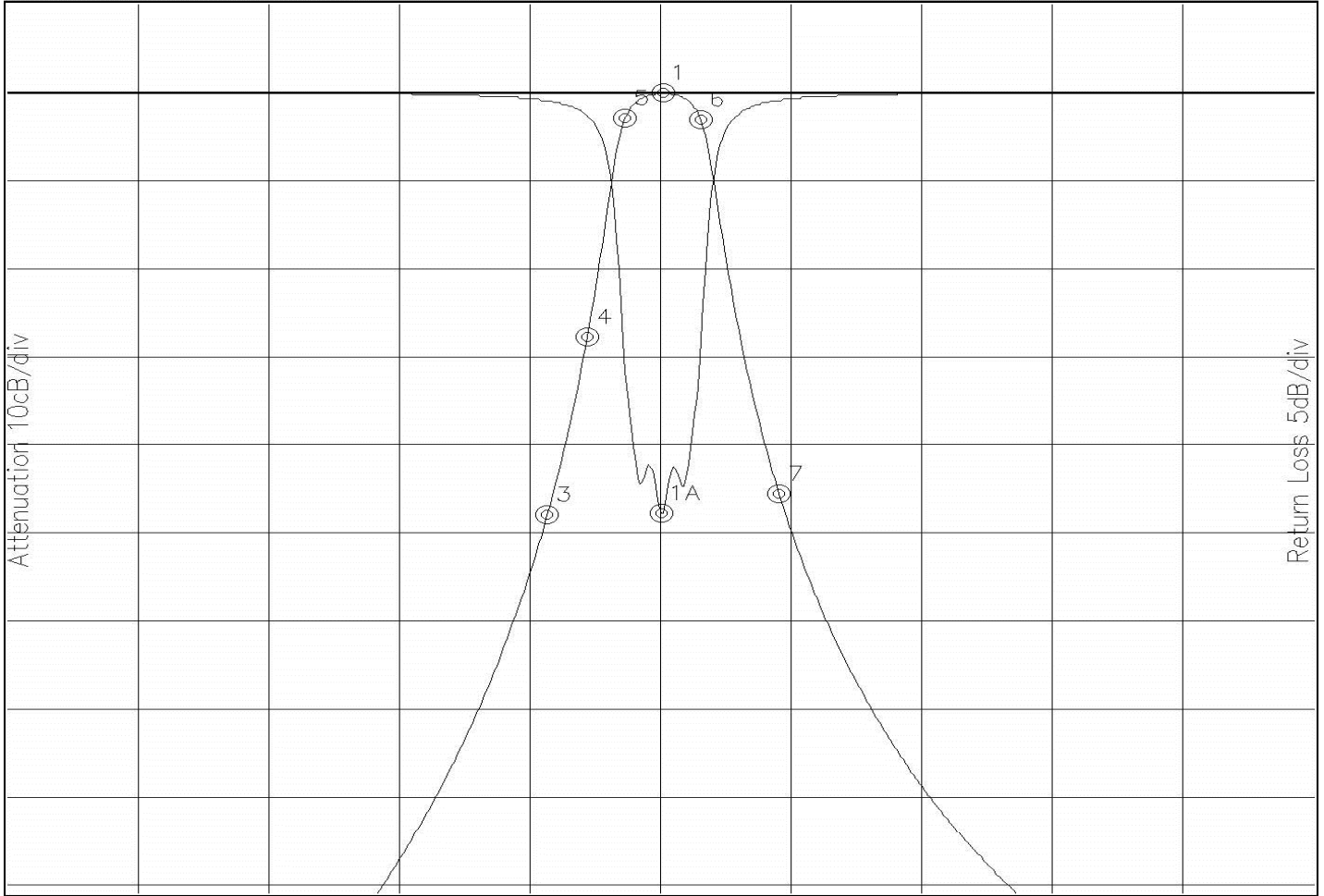


### Response Plot:

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