



**Electrical Specifications**

**3dB Cutoff:** 15 MHz Min , 15.8 MHz Max  
**Insertion Loss:** 2.0 dB Max. @ 13.5 MHz  
**VSWR:** 1.5:1 Max. @ 13.5 MHz  
**Rejection:** 40dB Min. @ 17 MHz

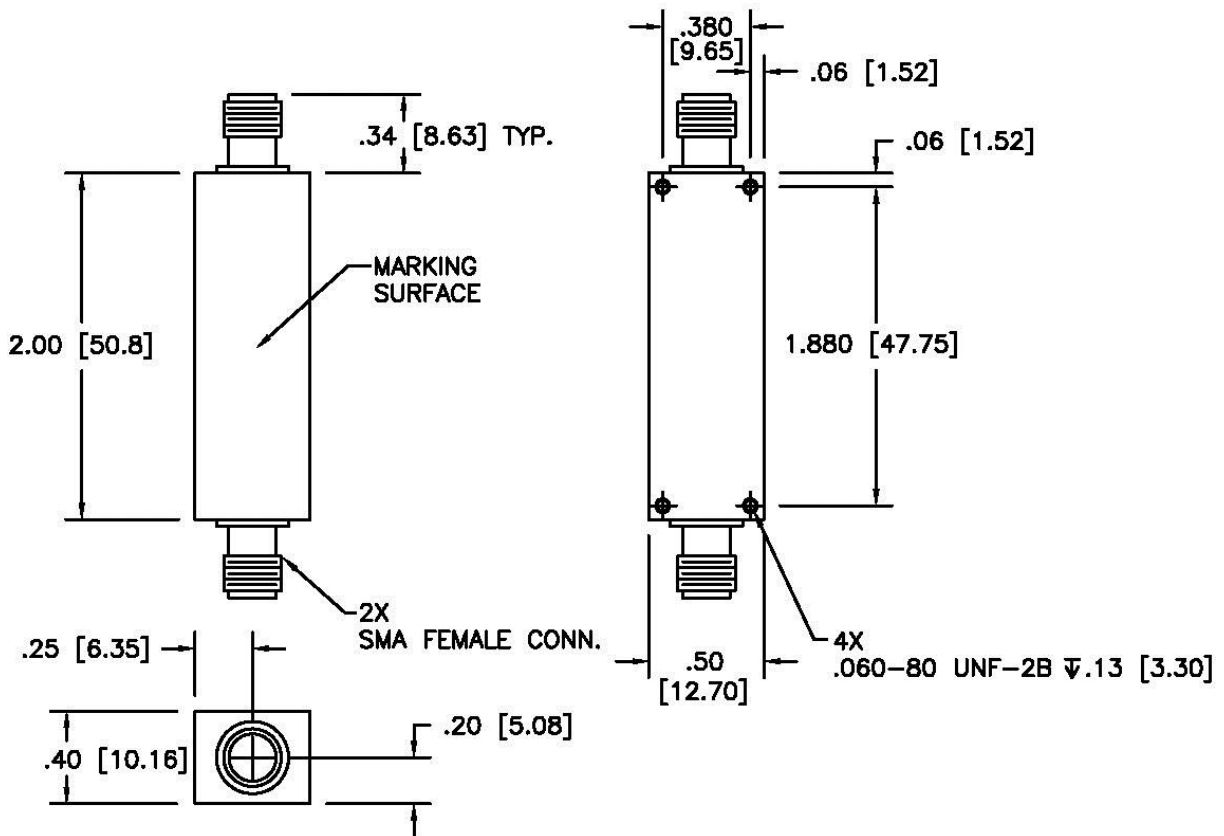
**Mechanical**

**Mounting Method:** 0-80 Threaded Mounting  
**Connector Type:** SMA (F)  
**Dimensions:** 2.0 x 0.50 x 0.40 Inches

**Environmental**

**Operating Temperature:** -20° C to +70° C  
**Storage Temperature:** -55° C to +95° C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

**Outline Drawing:**



Tolerance: +/-0.01 inches [+/- 0.3mm]  
 Angles: +/- 1 Deg.

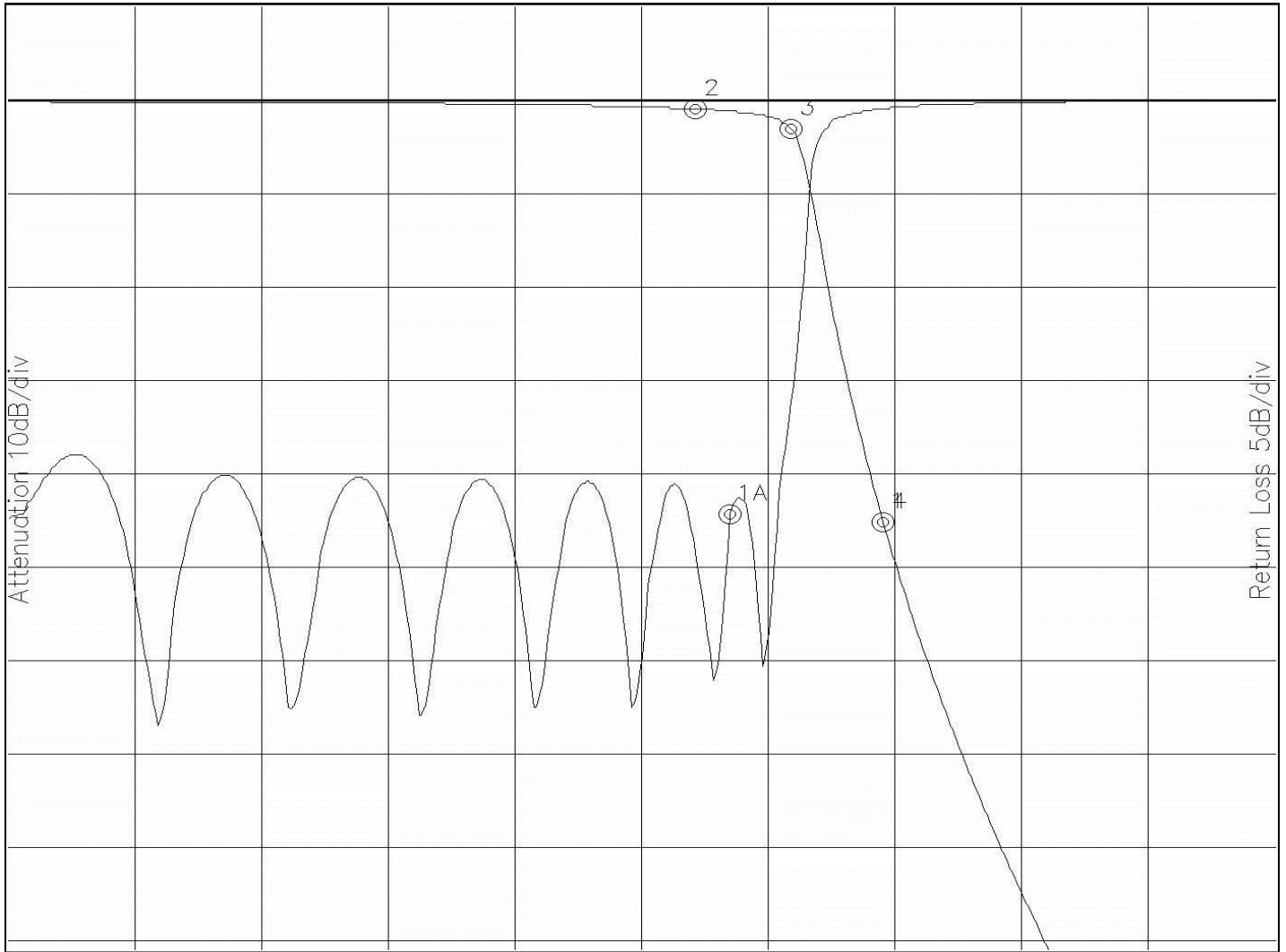
Reference DCR: D052919-03A

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



**Simulation Plot:**



Attenuation Start: 0.003Hz Stop: 25.0MHz

Return Loss Start: 0.003Hz Stop: 25.0MHz

Offset -0.6521dB

Marker 1 Freq 17.246MHz Atten -44.945dB

Marker 1A Freq 14.216MHz Ret Loss -22.046dB

Marker 2 Freq 13.530MHz Atten -0.868dB

Marker 3 Freq 15.428MHz Atten -3.082dB

Marker 4 Freq 17.246MHz Atten -44.945dB

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