



Electrical Specifications

Passband: 1.0 dB C/O 525 MHz Min

Insertion Loss: 1.0 dB @ 525 MHz

VSWR: 1.25:1 @ 525 MHz

Stopband: 50 dB @ 900 MHz

Phase: Deviation from Linear Over
any 10 MHz Segment:

425 to 525 MHz – Shall Not Exceed $\pm 1.0^\circ$

395 to 425 MHz – Shall Not Exceed $\pm 0.25^\circ$

525 to 555 MHz – Shall Not Exceed $\pm 0.5^\circ$

Mechanical

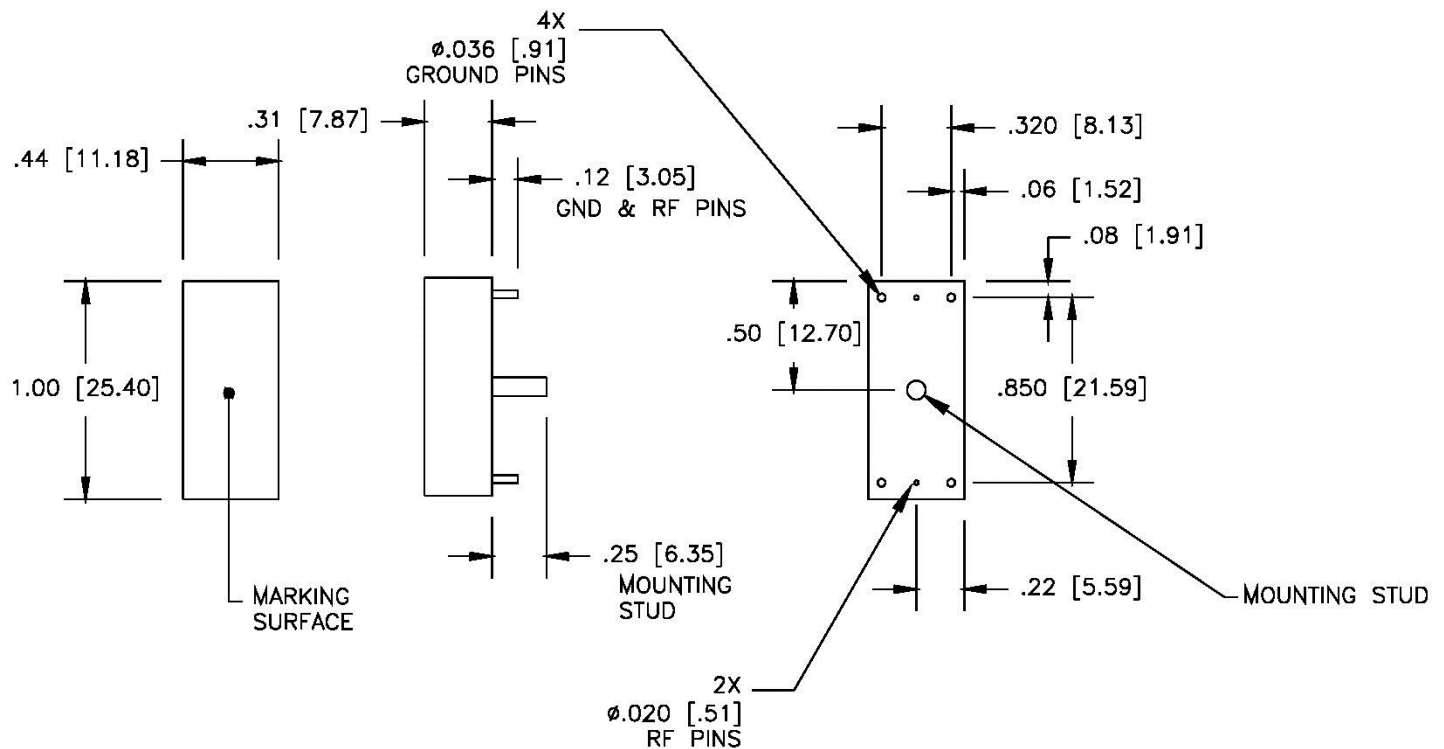
Connector Type: RF Pins

Dimensions: 1.0 x 0.44 x 0.31 Inches

Environmental

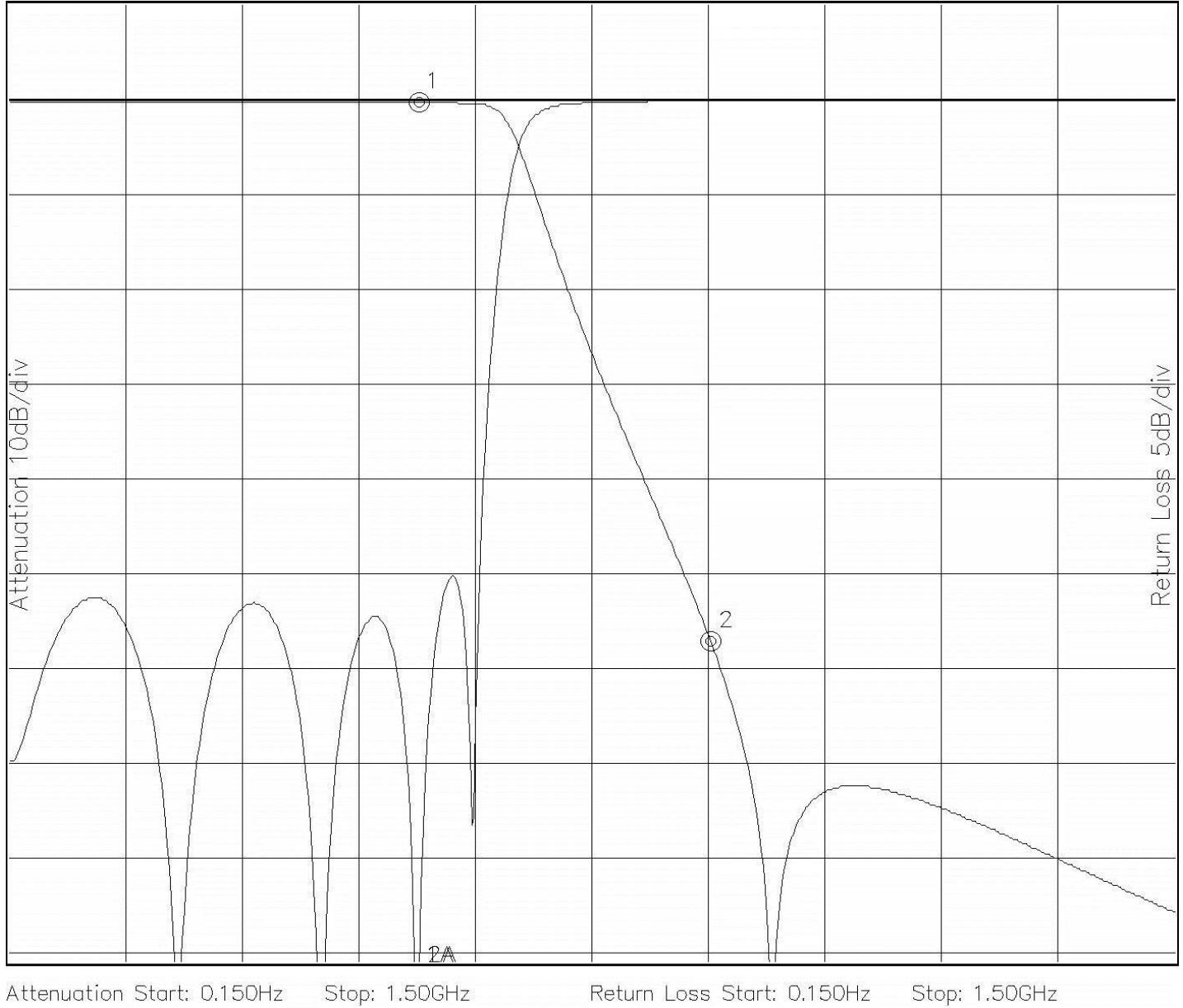
Operating Temperature: -20 to +70° C

Outline Drawing:





Response Plot:



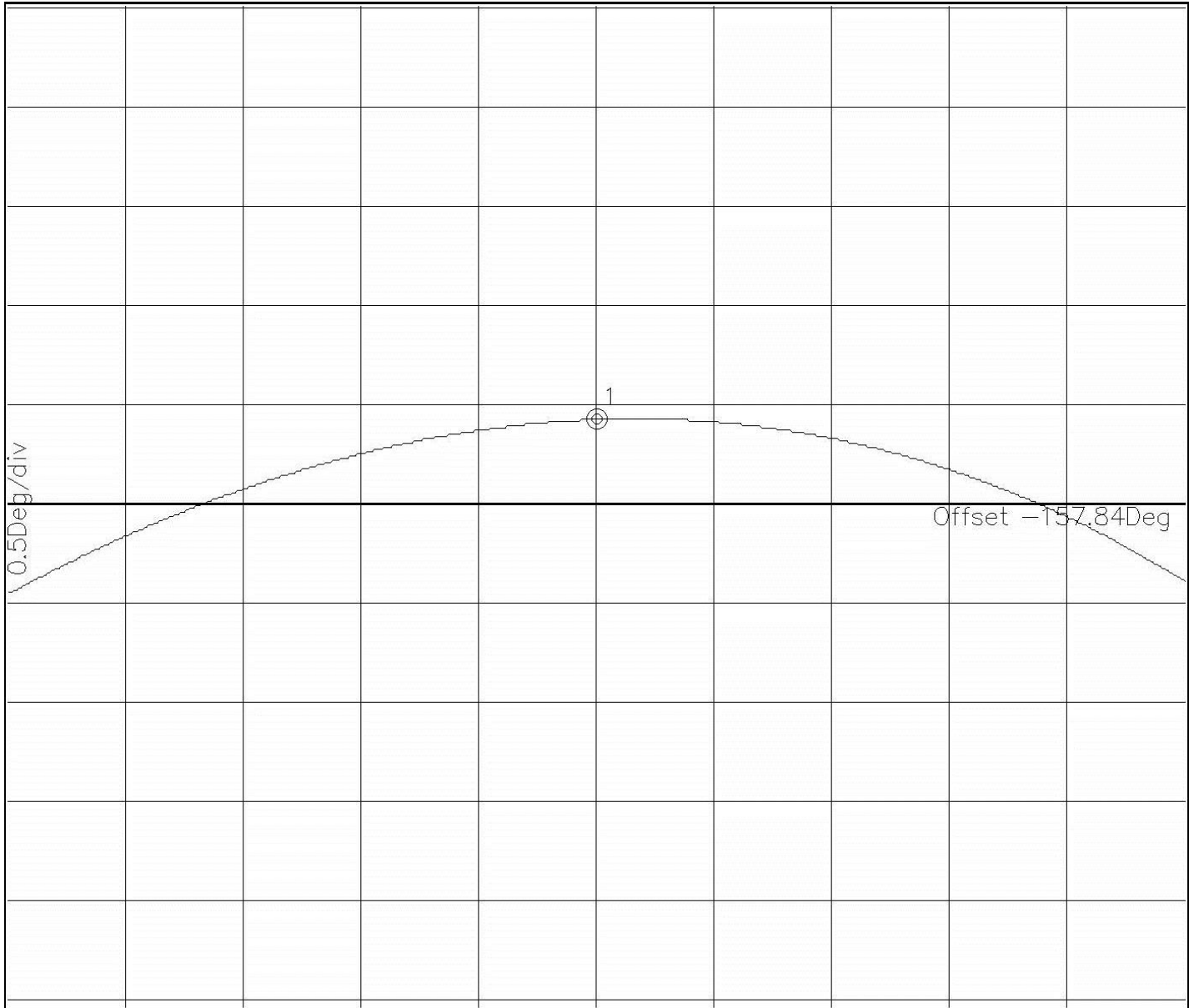
Marker 1 Freq 525.84MHz Atten -0.253dB
Marker 2 Freq 901.45MHz Atten -56.942dB

Marker 1A Freq 525.84MHz Ret Loss -46.112dB
Marker 2A Freq 525.84MHz Ret Loss -46.112dB

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



Phase:



Phase Start: 525.0MHz Stop: 565.0MHz

Marker 1 Freq 544.96MHz Phase 0.422Deg

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