



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

750MHz Bandpass filter

Part Number: AE750B11058



Electrical specifications

- Center Frequency:** 750MHz
- Ins. Loss @ center frequency:** ≤ 2.4 dB
- Passband:** 500-1000 MHz
- Passband Variation:** ≤ 1.2 dB
- VSWR over Passband:** $\leq 1.6:1$
- Rejection:** ≥ 40 dB @ 250MHz
- Rejection 2:** ≥ 70 dB @ 1402-2500MHz
- Rejection 3:** ≥ 60 dB up to 8000MHz
- Rejection 4:** ≥ 50 dB up to 16000MHz
- Impedance:** 50Ω

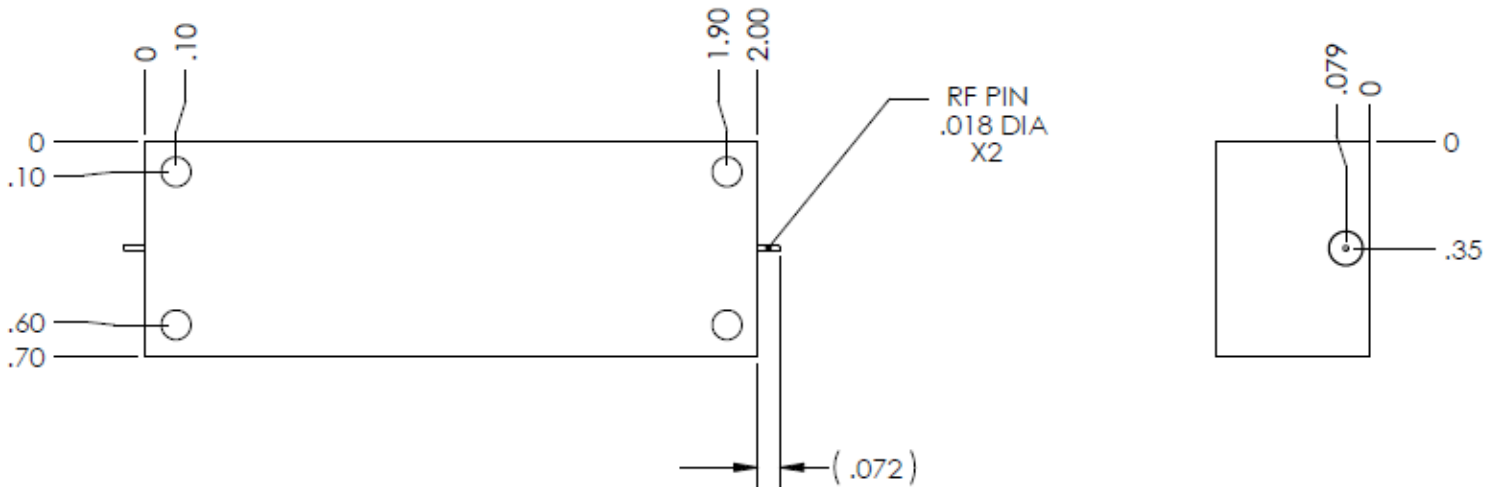
Mechanical

- Mounting Method:** Drop-in
- Dimensions:** 2.00" x 0.70" x 0.70"

Environmental

- Operating Temperature:** -45°C to +85°C
- Storage Temperature:** -55°C to +100°C

Outline Drawing:





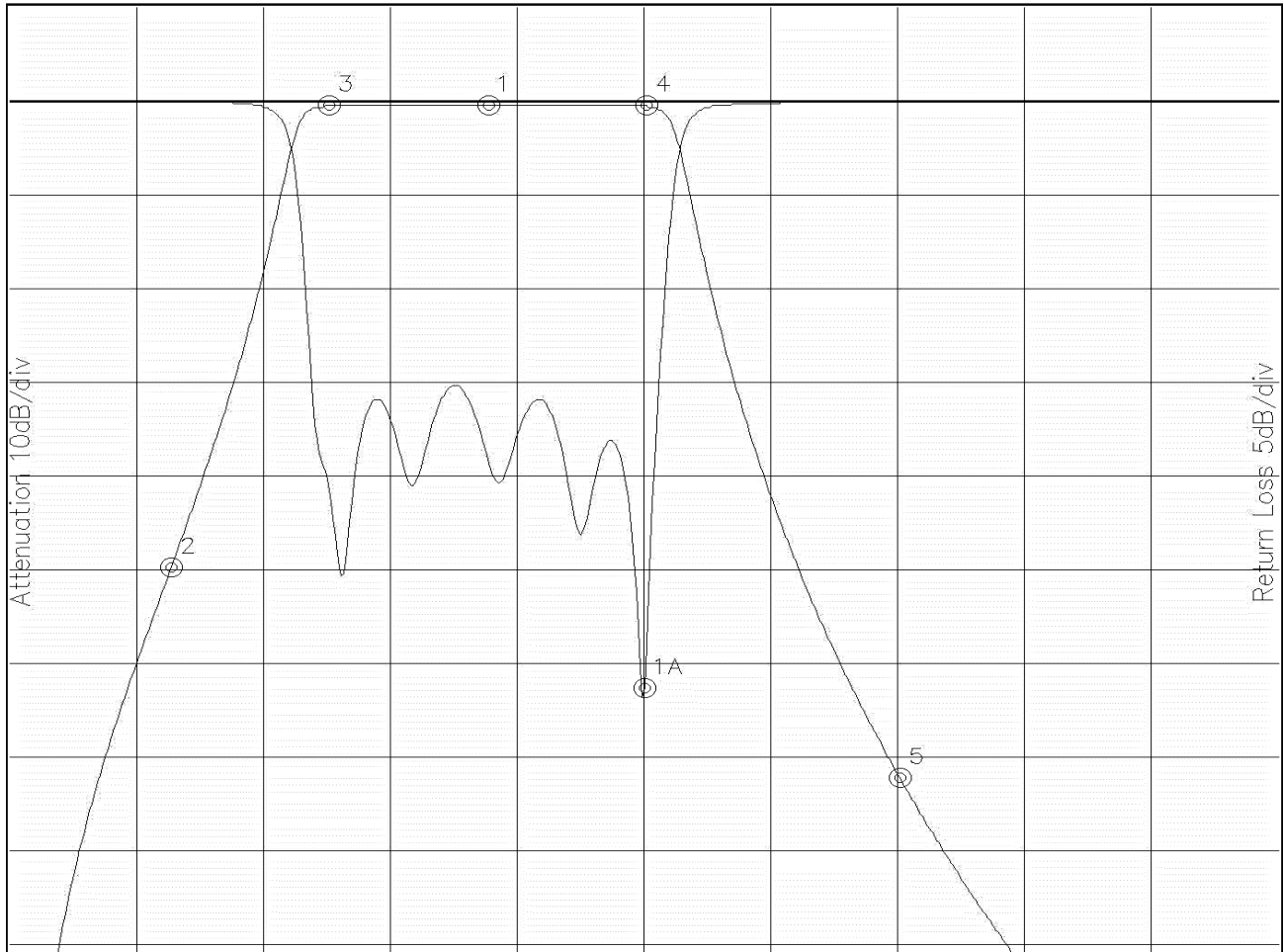
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Plot:

A423.lad AUG 22, 2014 Attenuation/Return Loss



Attenuation Start: 0.20Hz Stop: 2.0GHz Return Loss Start: 0.20Hz Stop: 2.0GHz

Marker 1	Freq 752.82MHz	Atten -0.364dB	Marker 1A	Freq 998.38MHz	Ret Loss -31.242dB
Marker 2	Freq 252.01MHz	Atten -49.463dB			
Marker 3	Freq 500.80MHz	Atten -0.512dB			
Marker 4	Freq 1.002GHz	Atten -0.538dB			
Marker 5	Freq 1.402GHz	Atten -72.035dB			