



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 750MHz Bandpass filter

## Part Number: AE750B11058



### Electrical specifications

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

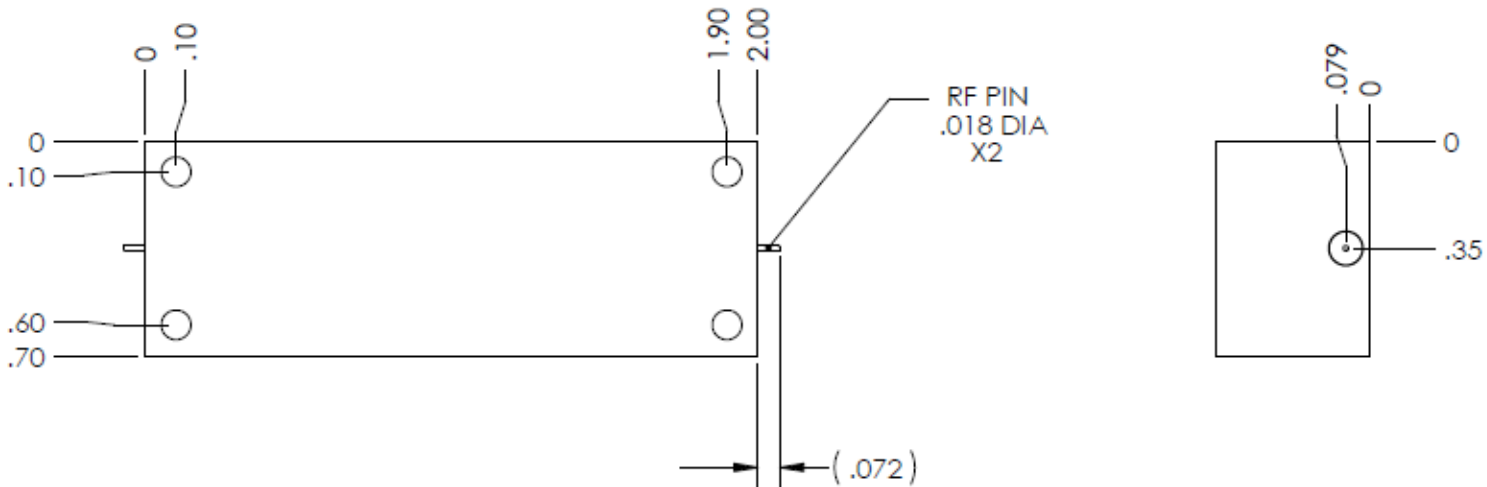
### Mechanical

**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:





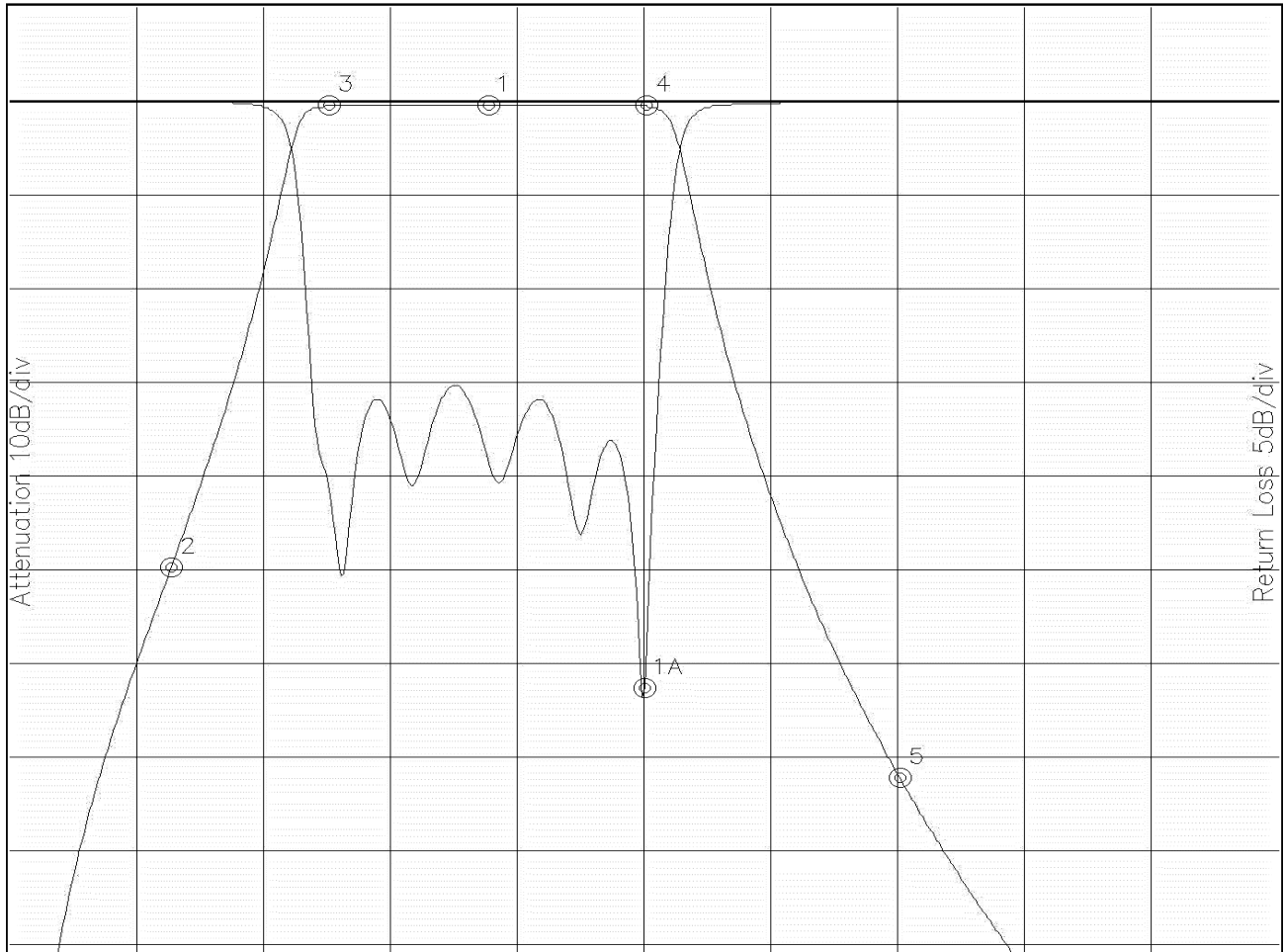
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### Plot:

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			