

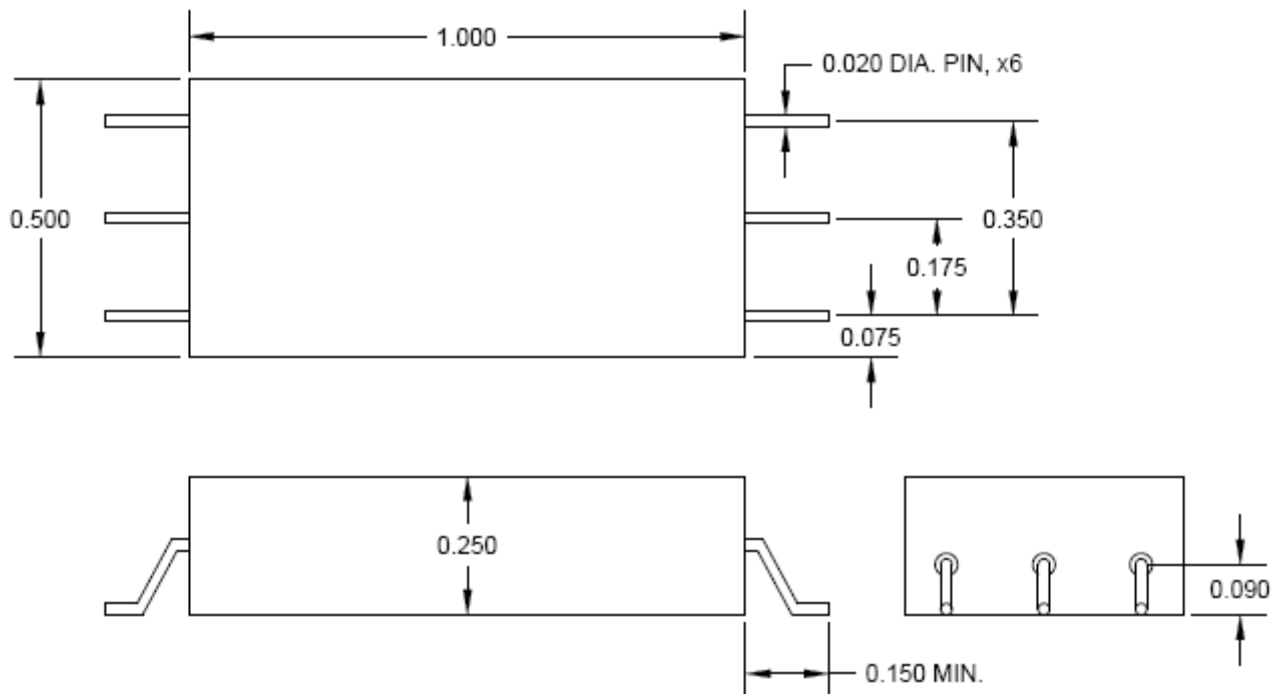


**428 MHz Highpass Filter**

**Part Number: AE428H9849**

Cut off Frequency (min):	428MHz
Band width Cut Off:	0.5dB
Insertion Loss:	0.5dB max
Impedance:	50 Ohm
Pass Band Return Loss:	>15dB
Att. @ 400 MHz:	>10dB
@ DC-300 MHz:	>40dB
Input Power Max.:	<b>10W (Design Goal 20W)</b>
Temperature:	-30° ÷ +70°C
Case (surface mount):	1" x 0.5" x 0.25"

**Outline Drawing:**

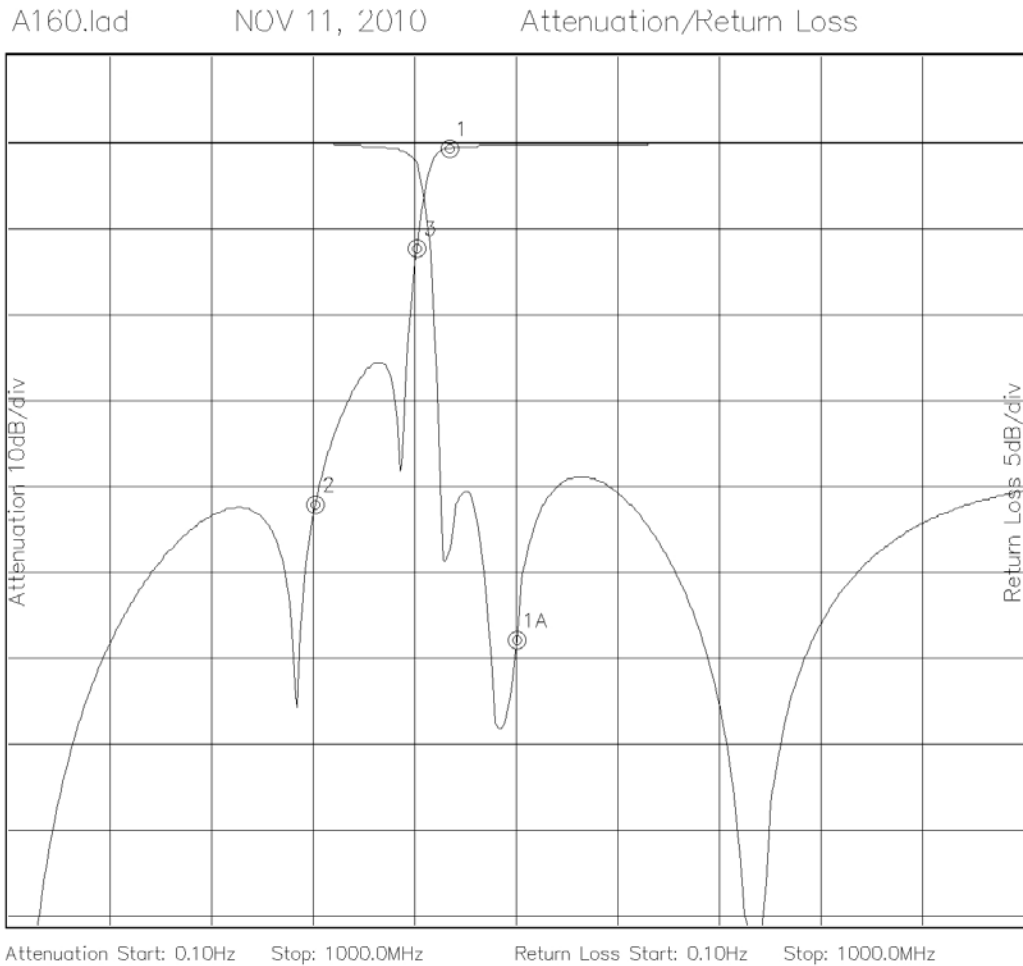




**428 MHz Highpass Filter**

**Part Number: AE428H9849**

**Response Plot:**



Marker 1 Freq 432.95MHz Atten -0.576dB  
Marker 2 Freq 300.48MHz Atten -41.996dB  
Marker 3 Freq 400.64MHz Atten -12.268dB

Marker 1A Freq 499.19MHz Ret Loss -28.799dB