



# 100 MHz LC Lowpass Filter

**Part Number: AE100L8815-M**



## Electrical specifications

**Cutoff Frequency (FC):** 100 MHz  
**Passband:** 0-100 MHz  
**Insertion loss @Passband:** 1 dB Min  
**Return loss @Passband:** 20 dB Max  
**Rejection @ 200-1000 MHz:** 40 dB Max  
**Power Handling:** 100 W

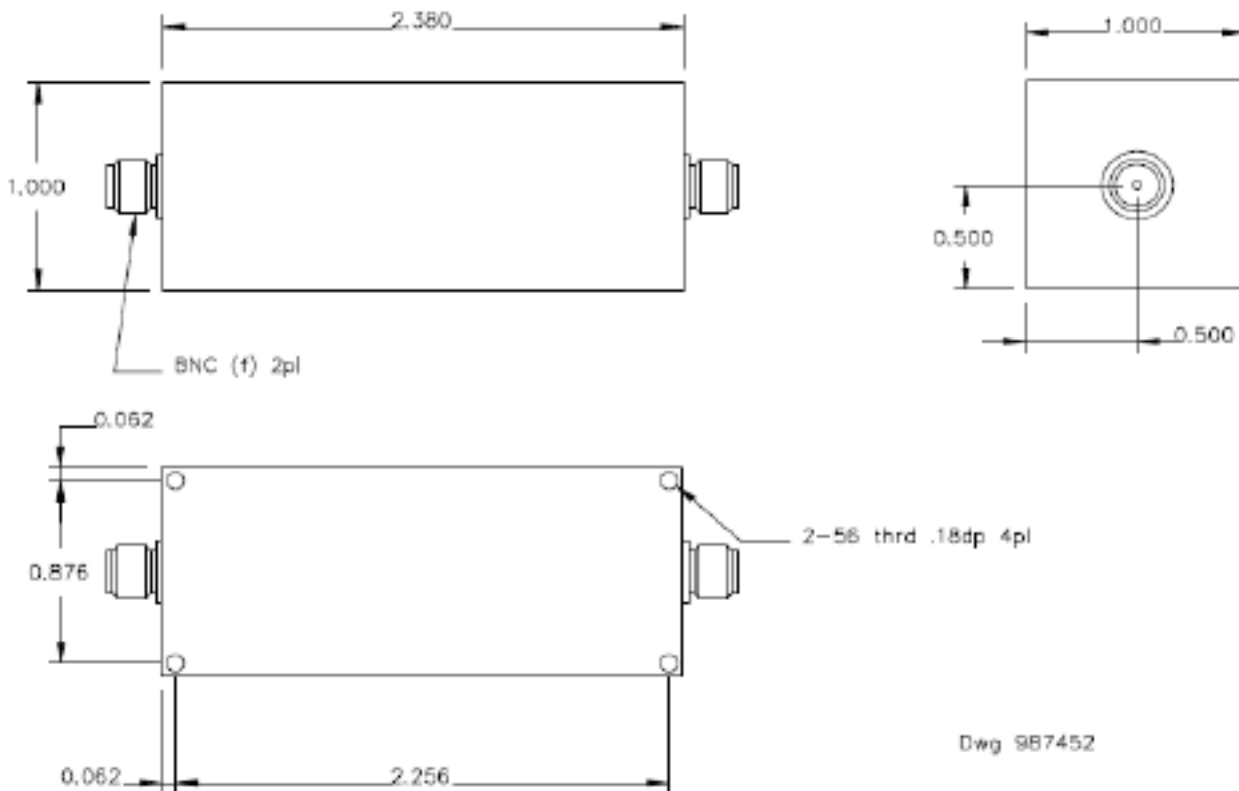
## Mechanical

**Mounting Method:** BNC (F) In/ BNC (M) out  
**Dimensions:** 2.38 x 1.0 x 1.0 Inches

## Environmental

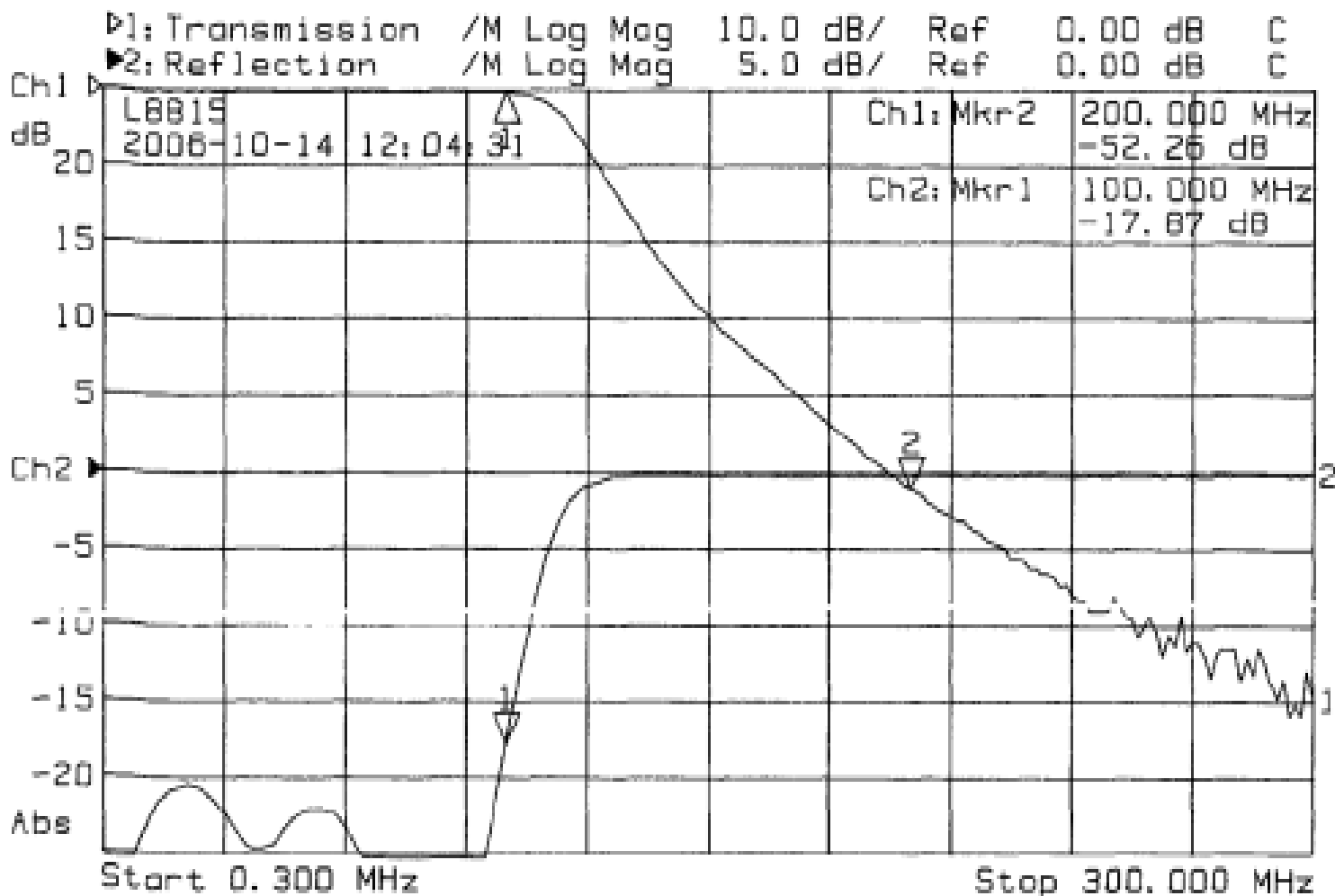
**Operating Temperature:** -30 to +75° C  
**Storage Temperature:** -40 to +85° C

## Outline Drawing:





### Response Plot



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1	100.00	1>	100.00
	-0.44		-17.87
2>	200.00		-52.26