



# 12 MHz LC Lowpass Filter

**Part Number: AE12L8841**



## Electrical specifications

**Cutoff Frequency (FC):** 12 MHz  
**Passband:** 0-12 MHz  
**Insertion loss @ 6 MHz:** 0.5 dB Min  
**Insertion Loss @ FC:** 3 dB +/- 0.5 dB  
**Return loss Over Passband:** 15 dB Max  
**Rejection @ 30 MHz:** 47 dB +/- 2 dB  
**Group Delay @11.34MHz:** 85nsec Max  
 +/- 5nsec

**Power Handling:** 5 Watts

## Mechanical

**Mounting Method:** BNC (M-F)  
**Dimensions:** 2.5 x 1.125 x 0.75 Inches

## Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -55 to +95° C

## Outline Drawing:

