



# 9 MHz LC Lowpass Filter

**Part Number: AE9L8840**



## Electrical specifications

**Cutoff Frequency (FC):** 9 MHz  
**Passband:** 0-4.5 MHz  
**Insertion loss over Passband:** 0.5 dB Min  
**Insertion Loss @ FC:** 3.5 dB Min  
**Return loss Over Passband:** 15 dB Max  
**Rejection @ 3.0 MHz:** 45 dB Max  
**Group Delay @8.51MHz:** 103nsec Mac

## 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:

