



# 410 MHz LC Bandpass Filter

Part Number: AE410B6640



## Electrical Specifications:

**Center Frequency:** 410 MHz  
**0.1 dB Bandwidth:** 400 - 419 MHz  
**Ripple in Passband:** 0.5 dB Max  
**Insertion loss:** 3 dB Max @ 410 MHz  
**Return loss:** 14 dB Min  
**Rejection:** 60 dB Min @ 495MHz  
**Rejection:** 60 dB Min @ 510MHz  
**Rejection:** 60 dB Min @ 605MHz  
**Impedance:** 50 ohms In/Out  
**Power Handling:** 5 W CW

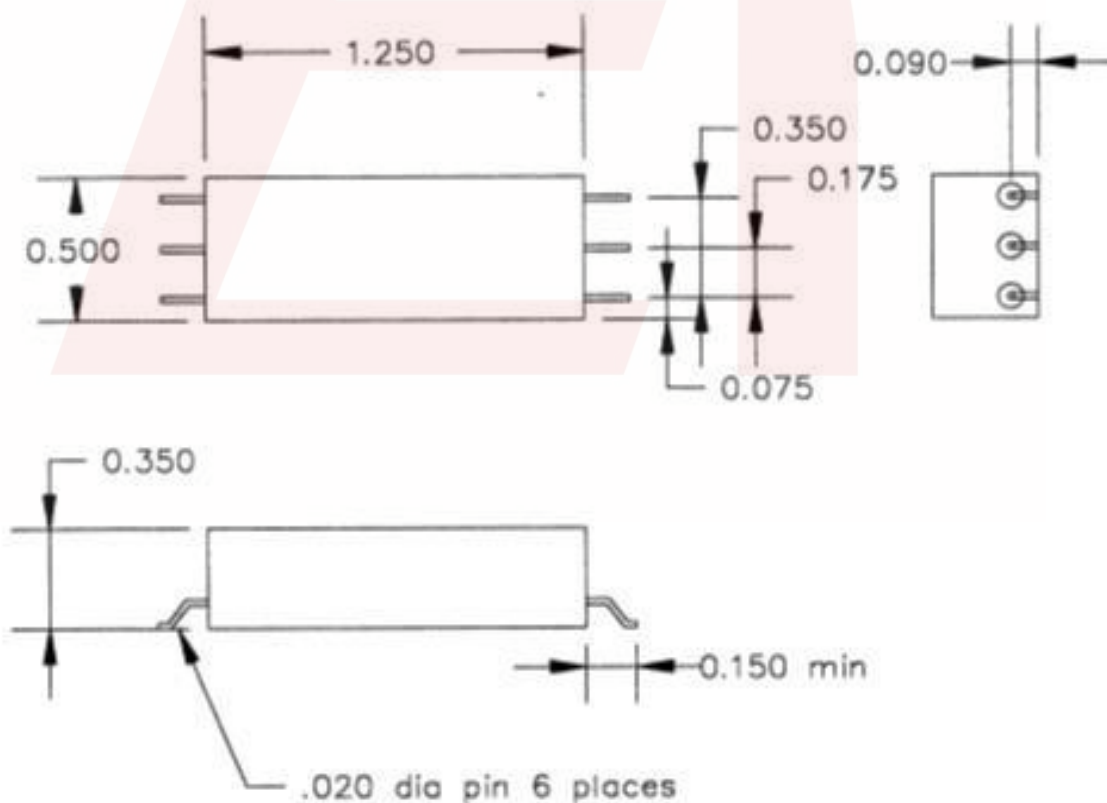
## Mechanical

**Mounting Method:** Surface Mount  
**Connector Type:** Pin  
**Dimensions:** 1.250 x 0.5 x 0.350 in

## Environmental

**Operating Temperature:** -40°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 2000Hz

## Outline Drawing:



DS-B6640-02092015-Rev0



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## Response Plot:

