



# 1250 MHz LC Bandpass Filter

**Part Number: AE1250B1398**



## Electrical specifications

**Center Frequency:** 1250 MHz  
**1 dB Bandwidth:** 100 MHz min  
**Ripple in Passband:** 0.2 dB max  
**Insertion loss:** 2.0 dB max  
**Return loss:** 15 dB min  
**Rejection 1:** 60 dB (min) @1125 MHz  
**Rejection 2:** 60 dB (min) @1375 MHz.

**Power Handling:** 5 Watts

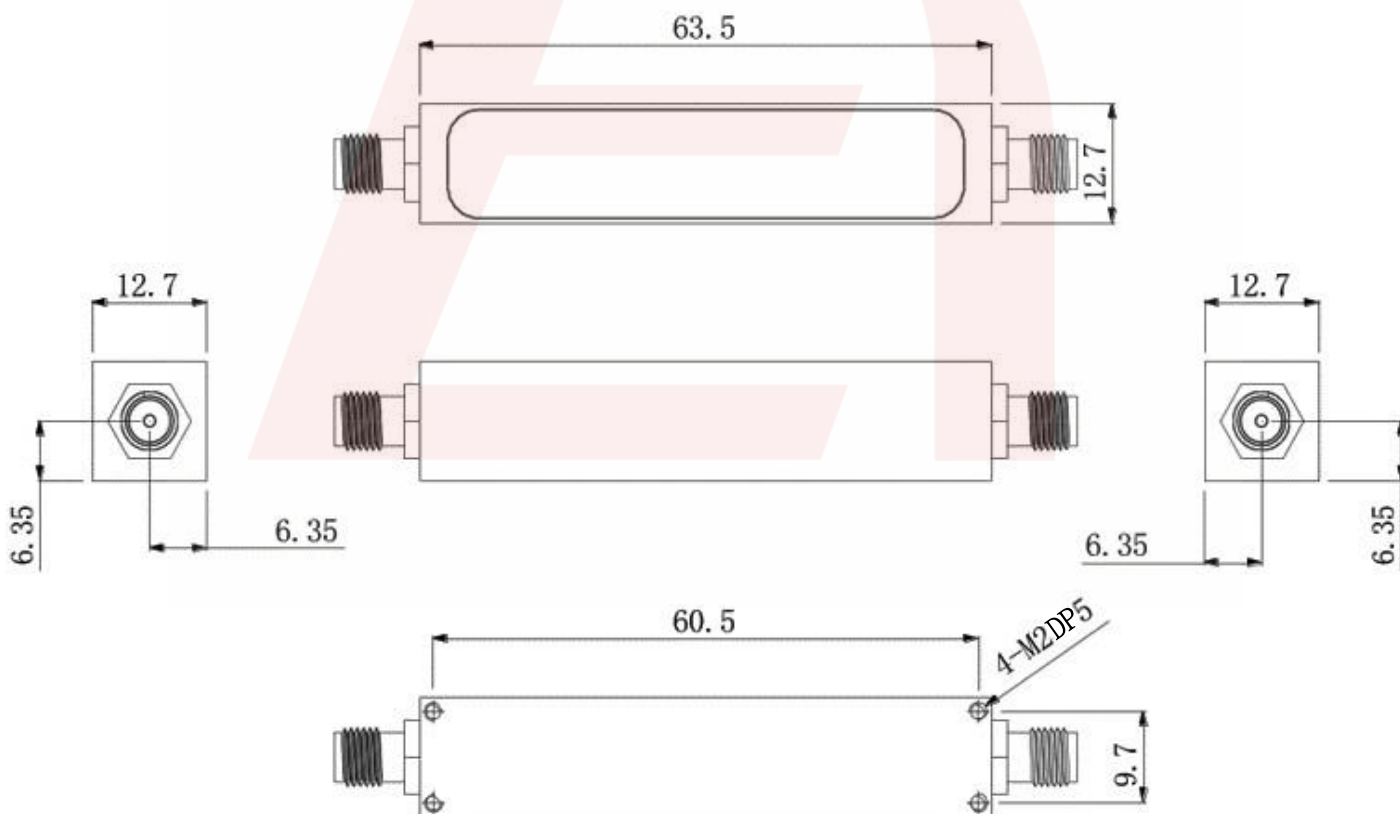
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 63.5 X 12.7 X 12.7 mm

## Environmental

**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11 ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:



DS-B1398-01082018-Rev0