



# Wimax Monoblock Ceramic Bandpass Filter

**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**Part Number: AM3575B1007**



## Electrical specifications

**Center Frequency:** 3575 MHz  
**Bandwidth:** Fo +/- 25 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 3562.5-3587.5 MHz  
**Passband Insertion Loss:** 2 dB max  
**Passband Ripple:** 0.5 dB max  
**Passband Return Loss:** 18 dB min  
**Rejection:** 30 dB min @ 3375 MHz  
**Rejection 2:** 10 dB min @ 3500 MHz  
**Rejection 3:** 25 dB min @ 3775 MHz  
**Power Handling:** 1 W

## Mechanical

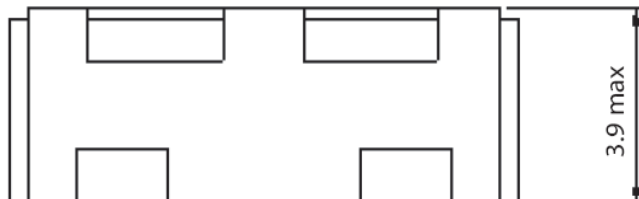
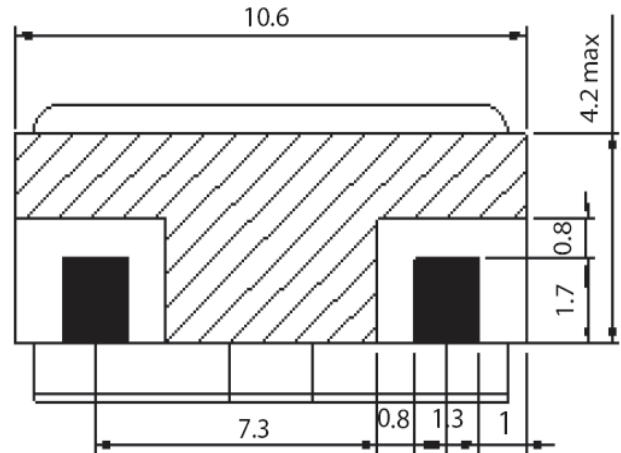
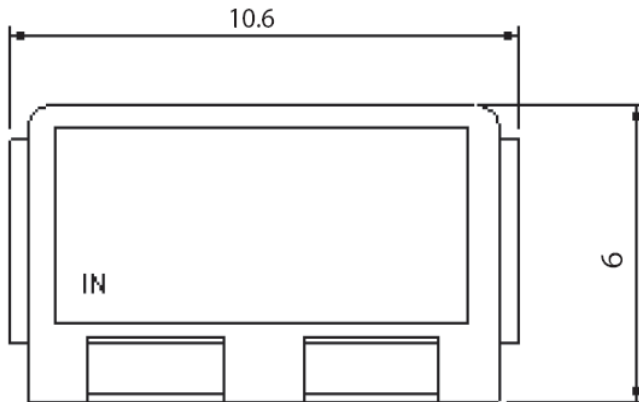
**Mounting Method:** SMT  
**Dimensions:** 10.6 x 6 x 3.9 mm

## Environmental

**Operating Temperature:** -40°C to 85°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:



■ : I/O PORT

▨ : GROUND

TOLERANCE UNLESS

OTHERWISE SPECIFIED : ± 0.3

UNITS : mm



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## Response Plot:

