



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

# 428 MHz Ceramic Bandpass Filter

**Part Number: AM428B1048**



## Electrical specifications

**Center Frequency:** 428.5 MHz  
**Bandwidth:** 16.5 MHz  
**VSWR in BW:** 1.7 : 1 Typical  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 420.25-436.75 MHz  
**Passband Insertion Loss:** 3.0 dB max  
**Passband Ripple:** 1.5 dB max  
**Rejection:** 25 dBc min at DC to 380 MHz  
**Rejection 2:** 25 dBc min at 495 MHz  
**Power Handling:** 5 W

## Mechanical

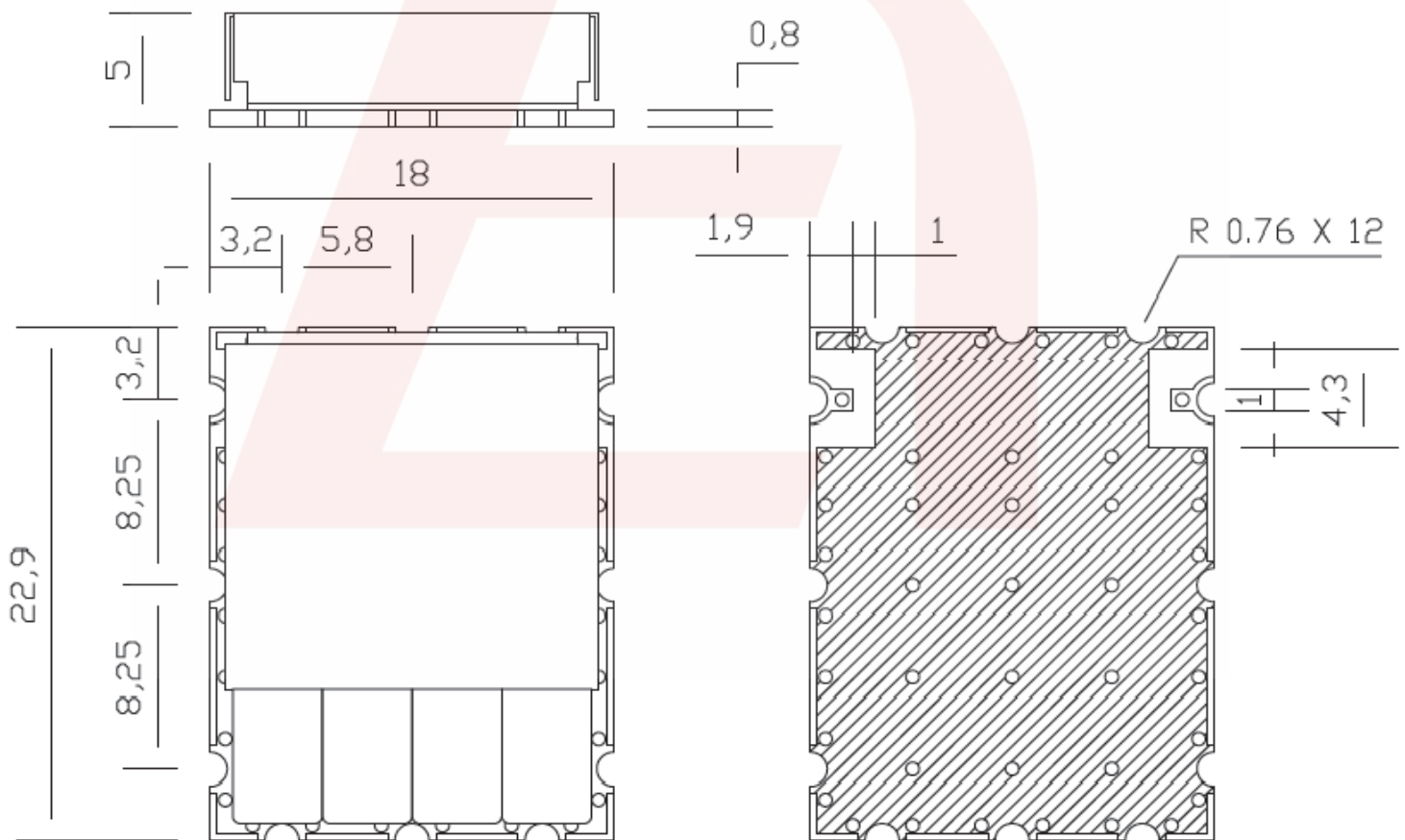
**Mounting Method:** SMT  
**Dimensions:** 22.9 x 18 x 5 mm

## Environmental

**Operating Temperature:** -30°C to +75°C  
**Storage Temperature:** -50°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 Hz

**This product is RoHs compliant.**

## Outline Drawing:



UNIT : mm

DS-B1048-03262015-Rev0



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## Response Plot:



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