



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

# ISM Band 2450 MHz Ceramic Band Pass Filter

**Part Number: AM2450B1012**



## Electrical specifications

**Center Frequency:** 2450 MHz  
**Bandwidth:** 100 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2400–2500 MHz  
**Passband Insertion Loss:**  
**Passband Ripple:** 2400–2500 MHz 0.50 dB  
**Passband Return Loss:** 2400–2500 MHz -12.00 dB  
**Rejection:** 2100 MHz -40.00 dB  
**Rejection 2:** 2800 MHz -30.00 dB  
**Power Handling:** 1 Watt max

## Mechanical

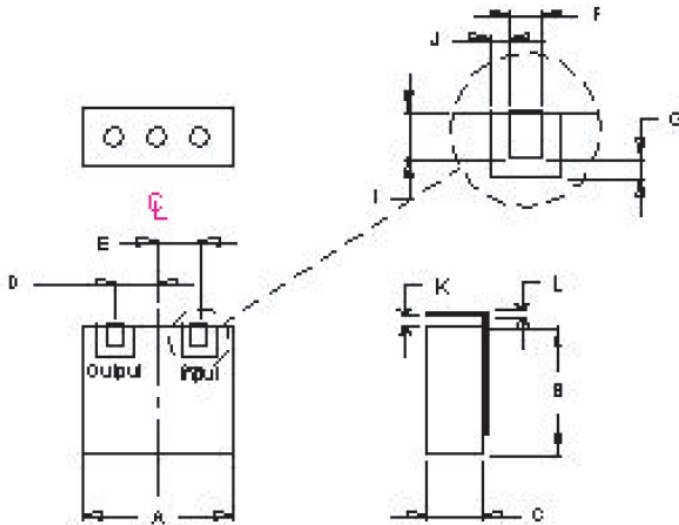
**Mounting Method:** SMT  
**Dimensions:** 11.75 x 4.50 x 4.30 mm

## Environmental

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

This product is RoHs compliant.

## Outline Drawing:



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	11.75	Max
B	4.30	Max
C	4.50	Max
D	3.30	0.127
E	3.30	0.127
F	1.02	0.127
G	0.51	0.127
I	1.02	0.127
J	0.51	0.127
K	1.00	0.127
L	0.13	0.127



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## Response Plot:

