

# RF PRODUCT INFORMATION

LTCC Multi Layer Chip Band Pass Filter  
 – RFBPF3225150A5T Series

For ISM Band 2.4GHz Application

Patent Pending



## FEATURES

- Miniature footprint: 3.2 X 2.5 X 1.5 mm<sup>3</sup>
- Low Insertion loss 1.8 dB
- High Rejection Rate
- High attenuation on 2nd harmonic suppressed
- LTCC process

## ELECTRICAL CHARACTERISTICS

Item	Specification
Frequency range (MHz)	2450 ± 50
Insertion Loss (dB)	1.8 max
VSWR	2.0 max
Impedance	50 Ω
Attenuation (dB min.)	30 @ 900 MHz 30 @ 1850 MHz 20 @ 2100 MHz 30 @ 4800 MHz

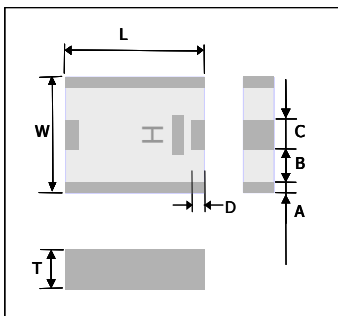
\*Note1: Rated power 5W MAX

\*Note2: Maximum Input power: 10W for 5 minutes

## APPLICATIONS

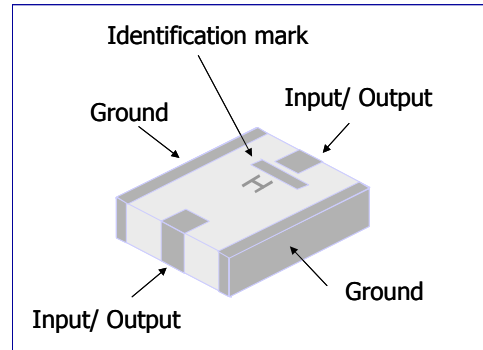
- 2.4GHz ISM band RF applications.
- Bluetooth, Wireless LAN, HomeRF

## DIMENSION



Symbol	Dimension
L	3.20 ± 0.20 mm
W	2.50 ± 0.20 mm
T	1.50 ± 0.10 mm
A	0.40 ± 0.20 mm
B	0.70 ± 0.20 mm
C	0.60 ± 0.20 mm
D	0.20 ± 0.15 mm

## CONSTRUCTION



Outline of 2.4GHz Band Pass Filter

## ELECTRICAL PERFORMANCE



## CONTACT INFORMATION

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*Specification subject to change without prior notice.*