

RF PRODUCT INFORMATION

LTCC Multi Layer Chip Band Pass Filter
 – RFBPF3225150A4T Series

For ISM Band 2.4GHz Application

Patent Pending



FEATURES

- Miniature footprint: 3.2 X 2.5 X 1.5 mm³
- Low Insertion loss 2.0 dB
- High Rejection Rate
- High attenuation on 2nd harmonic suppressed
- LTCC process

ELECTRICAL CHARACTERISTICS

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

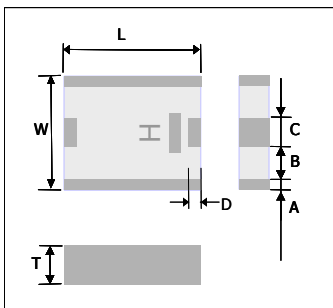
*Note1: Rated power 5W MAX

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

APPLICATIONS

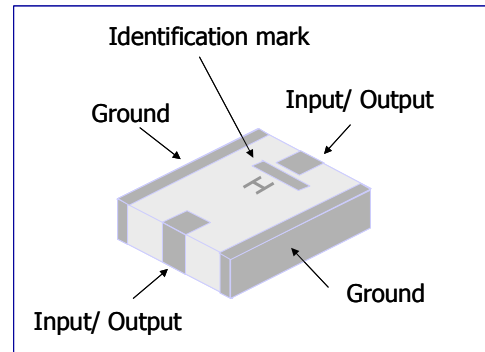
- 2.4GHz ISM band RF applications.
- Bluetooth, Wireless LAN, HomeRF

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

For more information, please contact with
Walsin Technology Corporation.

Tel : 886-3-475-8711
 Fax : 886-3-475-5197
 E mail : info@passivecomponent.com
 Web Site : http://www.passivecomponent.com

Specification subject to change without prior notice.