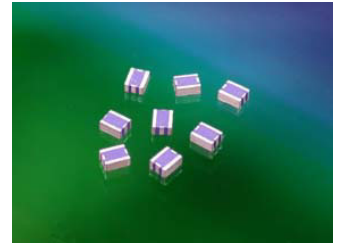


SMD Ceramic Bandpass Filter

RFBPF3225150A3T Series

Patent Pending



LTCC Multi Layer Chip Bandpass Filter For ISM Band 2.4GHz Application

FEATURES

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

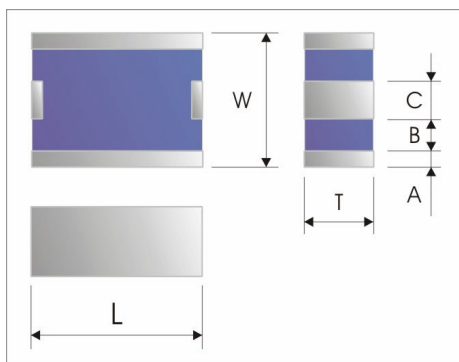
ELECTRICAL CHARACTERISTICS

Item	Specification
Frequency range (MHz)	2450 ± 50 MHz
Insertion Loss	2.5 dB (max)
VSWR	1.7
Ripple	0.6 dB
Attenuation (min.)	40 dB @ 1500 MHz ~ 1550 MHz 45 dB @ 1800 MHz ~ 1900 MHz 30 dB @ 2100 MHz 15 dB @ 2200 MHz 30 dB @ 4800 ~ 5000 MHz

APPLICATIONS

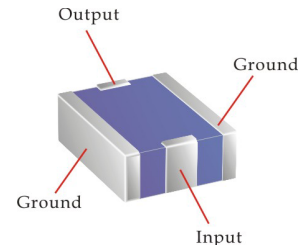
- 2.4GHz ISM band RF applications.
- Bluetooth, Wireless LAN, HomeRF

DIMENSION



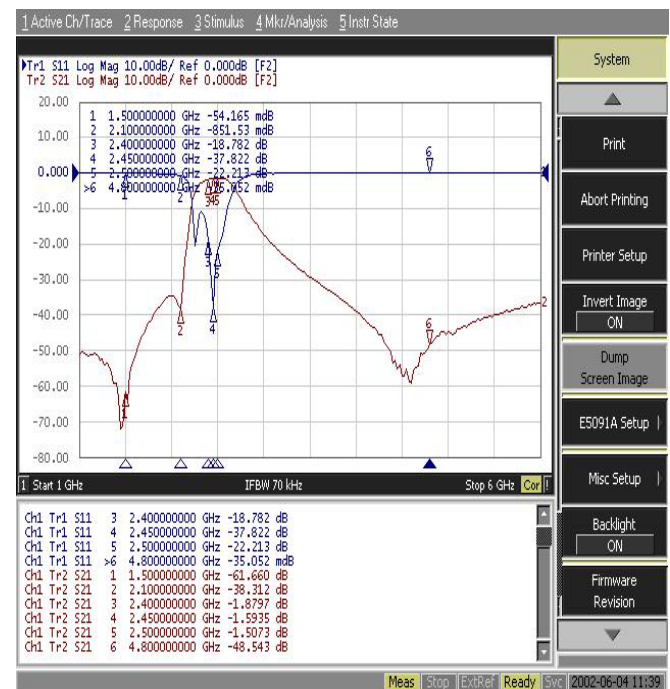
Symbol	Dimension
L	3.20 ± 0.20 mm
W	2.50 ± 0.20 mm
T	1.50 ± 0.10 mm
A	0.40 ± 0.20 mm
B	0.70 ± 0.20 mm
C	0.60 ± 0.20 mm
D	0.20 ± 0.15 mm

CONSTRUCTION

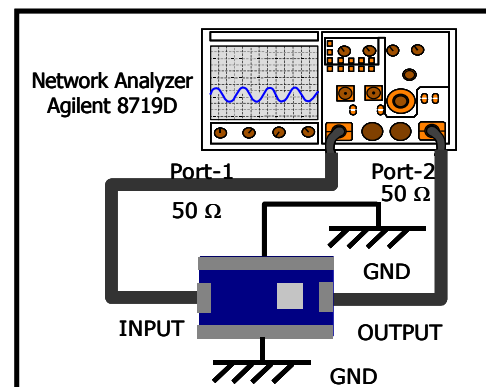


Outline of 3225 size 2.4GHz Bandpass Filter

ELECTRICAL PERFORMANCE



MEASUREMENT CIRCUIT



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