LTCC Multi Layer Ceramic Band Pass Filter- 2012 (0805) size

– RFBPF2008A13T

FEATURES

- Miniature footprint: 2.0 X 1.2X 0.8 mm^3
- Loss Insertion Loss
- High attenuation on GPS Bands
- LTCC process

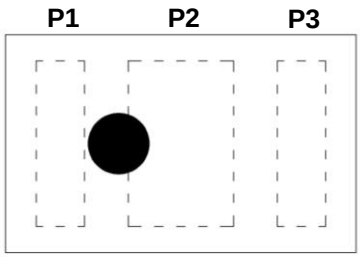
APPLICATIONS

- 2.4 GHz ISM band RF applications
- Bluetooth, Wireless LAN 802.11b/g/n band RF applications

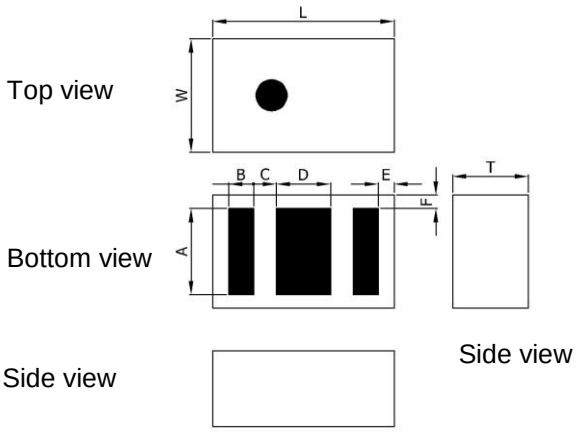
ELECTRICAL CHARACTERISTICS

Item	Specification
Frequency Range	2412~2484 MHz
Insertion Loss	2.5 dB max.
Attenuation	30 dB min. @ 860~960 MHz 30 dB min. @ 1545~1605 MHz 32 dB min. @ 1710~1990 MHz 25 dB min. @ 2240 MHz 30 dB min. @ 4800~5000 MHz
VSWR	2.0 max.
Impedance	50Ω
Taping Quantity	: 2000pcs per 7” reel
Operating Temperature Range	: -40~ +85℃
Storage Temperature Range	: -10~ +40℃
Humidity	: 30 to 70% relative humidity
Moisture sensitivity levels	: MSL is LEVEL 1 (Refer to : IPC/JEDEC J-STD-020)

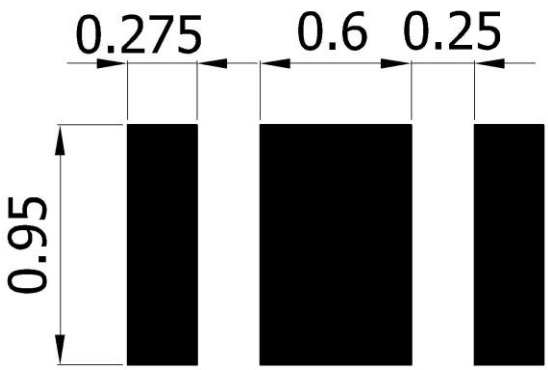
CONSTRUCTION

Figure	PIN	Connection
Top view 	1	Input port
	2	GND
	3	Output port

DIMENSIONS

Figure	Symbol	Dimension (mm)
	L	2.00 ± 0.15
	W	1.25 ± 0.15
	T	0.80 ± 0.10
	A	0.95 ± 0.10
	B	0.275 ± 0.10
	C	0.25 ± 0.10
	D	0.60 ± 0.10
	E	0.175 ± 0.10
	F	0.15 ± 0.10

SOLDER LAND PATTERN



Unit : mm

Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.

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.