

# LTCC 带通滤波器 (LTCC Bandpass Filter) HT-B4832-1380-2420M+

## Features

- Low Insertion Loss.
- Excellent power handling.
- Good rejection.
- Temperature stable.
- LTCC construction, and has good moisture resistance, corrosion resistance, high reliability.

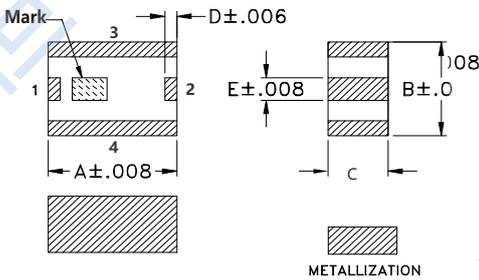
## Applications

- Harmonic Rejection.
- Transmitters / Receivers.
- Software defined radio.
- WLAN.
- Cellular network.

## Pad Connections

Input	1
Output	3
Ground	2, 4

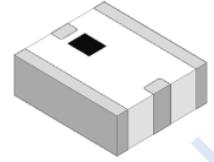
## Outline Drawing



## Outline Dimensions

A	B	C	D	E	Unit: mm
4.80	3.20	1.20	0.40	0.70	Tolerance: $\pm 0.2\text{mm}$

50  $\Omega$   
1380MHz to 2420MHz



## Electrical Specifications(1,2) at 25°C

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Unit
Pass Band	Center Frequency	—	1900	—	MHz
	Insertion Loss	1380 - 2420	—	3.0	dB
	Return Loss	1380 - 2420	8	—	:1
Stop Band, Lower	Rejection	1180	25	—	dB
Stop Band, Upper	Rejection	2620	20	—	dB

- (1) The specifications are tested at 25°C $\pm$ 5°C, relative humidity 55~75%.  
(2) Other quality and characteristic not specify in this datasheet.

## Maximum Ratings

Operating Temperature	-55°C to +100°C
Storage Temperature	-55°C to +100°C
RF Power Input*	2W at 25°C

\*Permanent damage may occur if any of these limits are exceeded.

## Suggested PCB Layout

