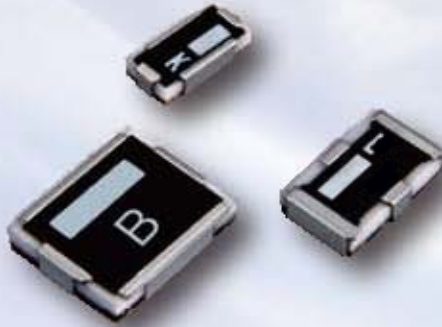


RF Filter



FEATURES

- 2.45GHz Thin Film Band Pass Filter
- For ISM Band applications like Bluetooth / WLAN
- Ultra Low Profile
- Lead Free, RoHS Compliance

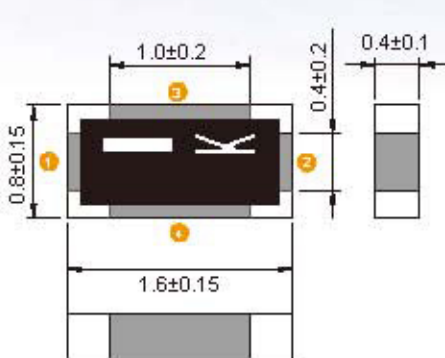
APPLICATION

- Wireless LAN & Bluetooth

RoHS

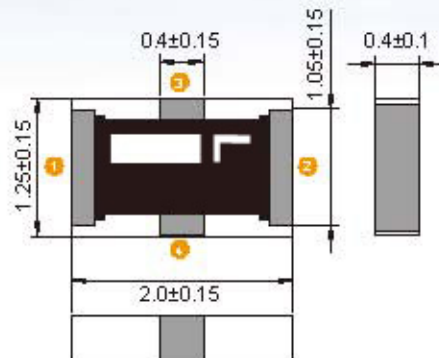
Dimensions & Characteristics

Unit: mm



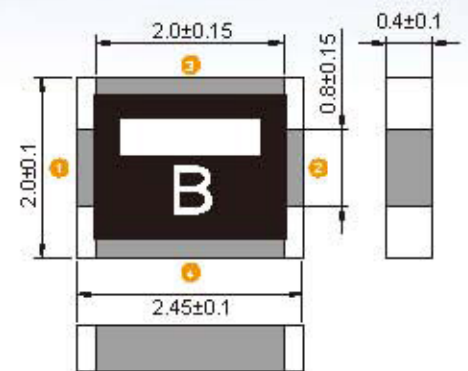
BPF-1608-245-A1

Terminal No.	Terminal Name
1 2	Input / Output
3 4	GND



BPF-2012-245-A1

Terminal No.	Terminal Name
3 4	Input / Output
1 2	GND



BPF-2520-245-A1

Terminal No.	Terminal Name
1 2	Input / Output
3 4	GND

Specifications

Part Number	BPF-1608-245-A1	BPF-2012-245-A1	BPF-2520-245-A1
Impedance	50 Ω		
Center Frequency	2450 MHz		
Bandwidth	2400 ~ 2500MHz		
Insertion Loss	2.40 dB Max. at +25°C 2.80 dB Max. at 40 ~ +85°C	1.5 dB Max. at +25°C 1.8 dB Max. at 40 ~ +85°C	1.3 dB Max. at +25°C 1.5 dB Max. at 40 ~ +85°C
Ripple in B W	0.5dB max.		
Attenuation	25.0dB Min. at 880 ~ 960MHz 30.0dB Min. at 1710 ~ 1910MHz 8.5dB Min. at 2170MHz 20.0 dB Min. at 4800 ~ 5000MHz 20.0 dB Min at 7200 ~ 7500MHz	30.0dB Min. at 880 ~ 960MHz 25.0dB Min. at 1710 ~ 1910MHz 30.0dB Min. at 4800 ~ 5000MHz 30.0dB Min. at 7200 ~ 7500MHz (Option)	35.0dB Min. at 880 ~ 915MHz 35.0dB Min. at 1710 ~ 1785MHz 25.0dB Min. at 1850 ~ 1910MHz 40.0dB Min at 4800 ~ 5000MHz
VSWR in B W	2.0 Max.		
Power Capacity	500mW Max.		