

BF 2520 Series

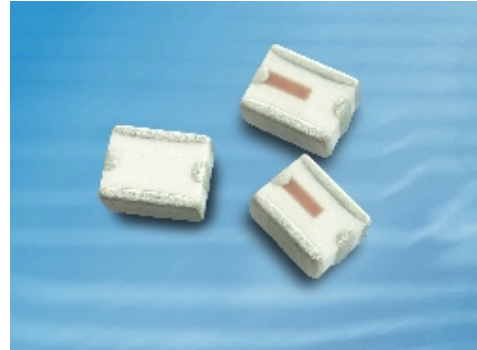
Multilayer Chip Band-Pass Filters

Features

- ❖ Ultra small SMD type with low loss at pass-band and high attenuation at stop-band.

Applications

- ❖ 2.4GHz WLAN, Home RF, Bluetooth Modules, etc.



Specifications

Part Number	Freq. Range (MHz)	Insertion Loss @ BW (dB)	VSWR @ BW	Frequency	Attenuation (dB)
BF2520-B2R4CAA	2400 ~ 2500	1.8 max.	2.0 max.	880 ~ 915MHz	30 min.
				1710 ~ 1785MHz	30 min.
				1850 ~ 1910MHz	25 min.
				4800 ~ 5000MHz	25 min.
				7200 ~ 7500MHz	20 min.

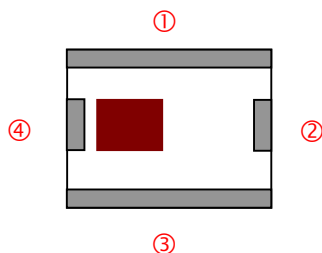
Q'ty/Reel (pcs) : 3,000
 Operating Temperature Range : -40 ~ +85 °C
 Storage Temperature Range : -40 ~ +85 °C
 Power Capacity : 500mW max.

Part Number

BF **2520** - **B** **2R4** **CAA** **□**
 ① ② ③ ④ ⑤ ⑥

① Type	BF : Band-Pass Filter	② Dimensions (L × W)	2.5 × 2.0 mm
③ Material Code	B	④ Frequency Range	2R4=2400MHz
⑤ Specification Code	CAA	⑥ Packaging	T: Tape & Reel B: Bulk

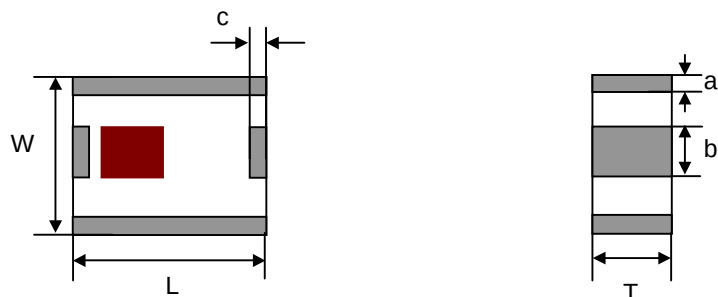
Terminal Configuration



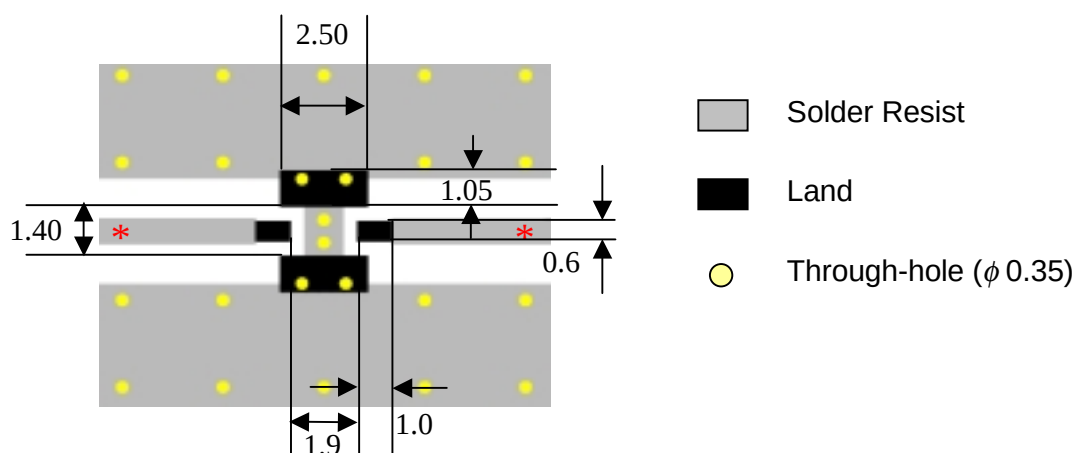
No.	Terminal Name	No.	Terminal Name
①	GND	③	GND
②	OUT	④	IN

Dimensions and Recommended PC Board Pattern

Unit : mm

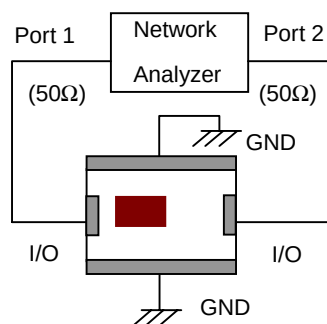


Mark	L	W	T	a	b	c
Dimensions	2.5 ± 0.2	2.0 ± 0.2	0.90 ± 0.1	0.3 ± 0.2	0.6 ± 0.2	0.3 ± 0.2

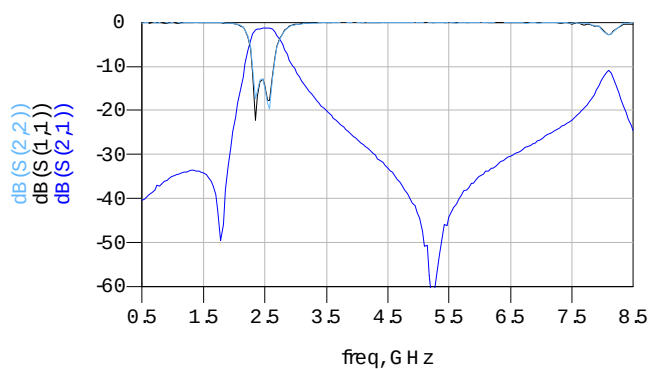


* Line width should be designed to match 50Ω characteristic impedance, depending on PCB material and thickness.

Measuring Diagram



Electrical Characteristics (T=25°C)



Notes

❖ The contents of this data sheet are subject to change without notice. Please confirm the specifications and delivery conditions when placing your order.

Advanced Ceramic X Corp.

16 Tzu Chiang Road, Hsinchu Industrial District Hsinchu Hsien 303, Taiwan

TEL:886-3-5987008 FAX:886-3-5987001

E-mail: acx@acxc.com.tw <http://www.acxc.com.tw>