

BF 3216 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	Frequency Range (MHz)	Insertion Loss @ BW (dB)	VSWR @ BW	Attenuation I (dB)	Attenuation II (dB)	Attenuation III (dB)	Attenuation IV (dB)
BF3216-B2R4BAA_	2400 ~ 2500	2.5 max.	2.0 max.	40 min.@ 1200~1800MHz	25 min.@ 2100MHz	35 min.@ 4800 ~ 5000MHz	25 min.@ 7200 ~ 7500MHz

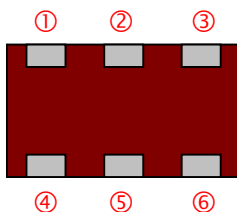
Q'ty/Reel (pcs) : 3,000
 Operating Temperature Range : -40 ~ +85 °C
 Storage Temperature Range : -40 ~ +85 °C
 Power Capacity : 3W max.

Part Number

BF **3216** - **B** **2R4** **BAA** 
 ① ② ③ ④ ⑤ ⑥

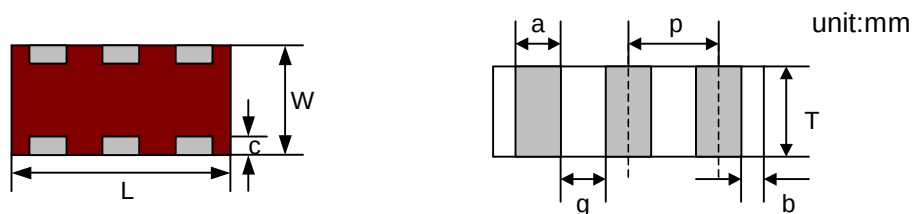
① Type	BF :Band Pass Filter	② Dimensions (L × W)	3.2 × 1.6 mm
③ Material Code	B	④ Frequency Range	2R4=2400MHz
⑤ Specification Code	BAA	⑥ Packaging	T: Tape & Reel B: Bulk

Terminal Configuration

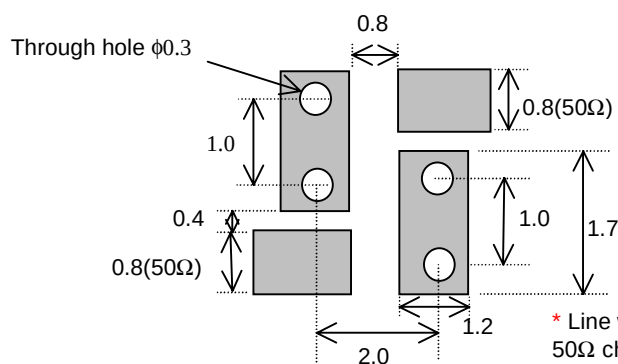


No.	Terminal Name	No.	Terminal Name
①	I/O	④	GND
②	GND	⑤	GND
③	GND	⑥	I/O

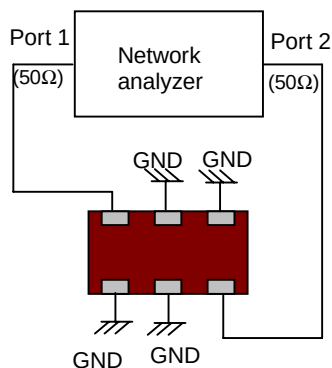
Dimensions and Recommended PC Board Pattern



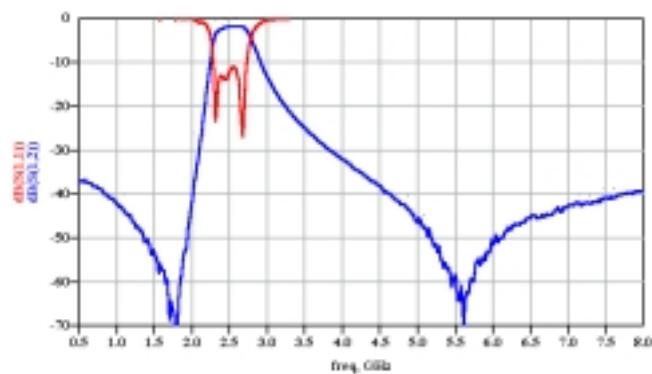
Mark	L	W	T	a	b	c	g	p
Dimensions	3.2±0.15	1.6±0.15	0.85±0.1	0.55±0.15	0.35±0.15	0.3+0.1/-0.2	0.4±0.15	1.0±0.1



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.