

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	Freq. Range (MHz)	Insertion Loss @ BW (dB)	VSWR @ BW	Frequency	Attenuation (dB)
BF3216-B2R4DAA	2400 ~ 2500	2.5 max.	2.0 max.	900-928MHz	40 min.
				1200~1800MHz	30 min.
				2100MHz	25 min.
				4800 ~ 5000MHz	35 min.
				7200 ~ 7500MHz	40 min.

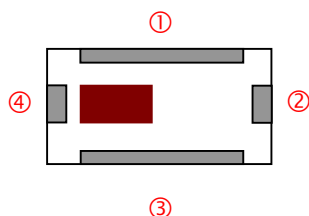
Q'ty/Reel (pcs) : 3,000
 Operating Temperature Range : -40 ~ +85 °C
 Storage Temperature Range : -40 ~ +85 °C
 Power Capacity : 500mW max.

Part Number

BF **3216** - **B** **2R4** **DAA** **□**
 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	DAA	⑥ Packaging	T: Tape & Reel B: Bulk

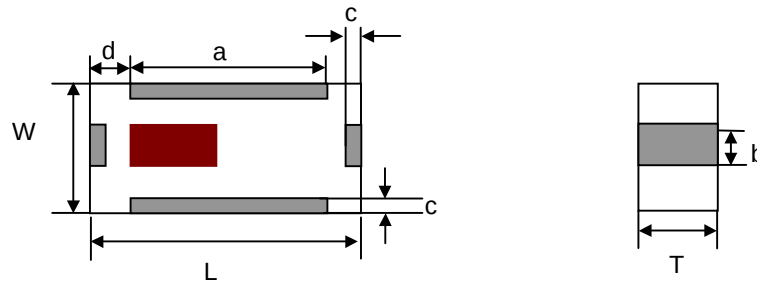
Terminal Configuration



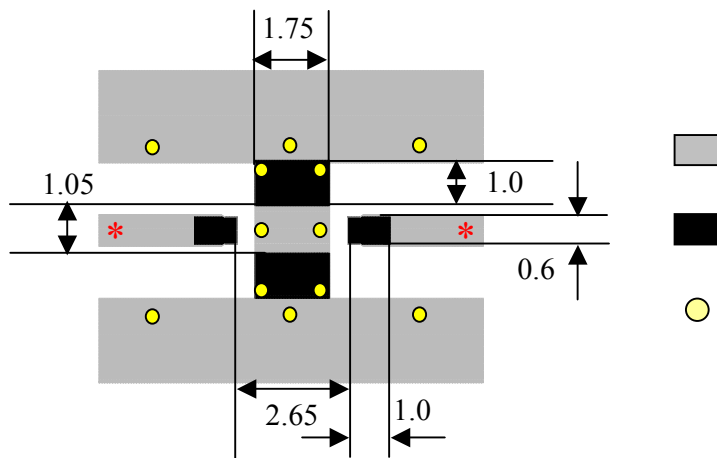
No.	Terminal Name	No.	Terminal Name
①	GND	③	GND
②	OUT	④	IN

Dimensions and Recommended PC Board Pattern

Unit : mm

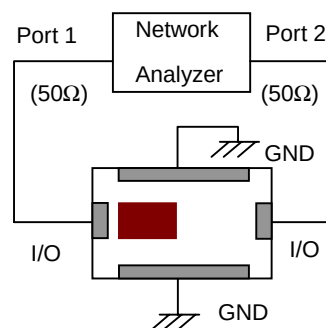


Mark	L	W	T	a	b	c	d
Dimensions	3.2 ± 0.15	1.6 ± 0.15	0.85 ± 0.10	1.9 ± 0.15	0.5 ± 0.15	0.3 ± 0.2	0.65 ± 0.20

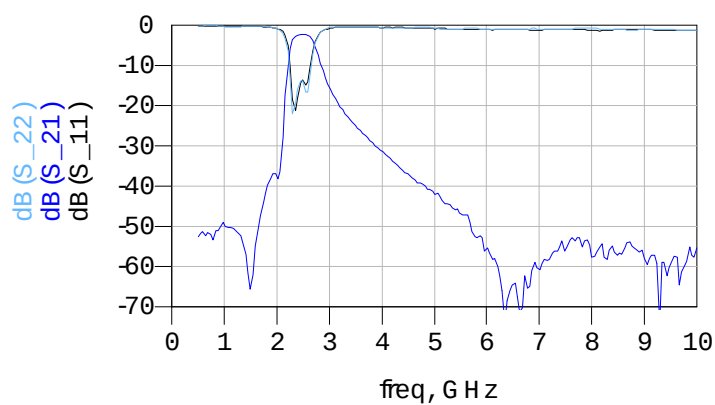


* Line width should be designed to match 50Ω characteristic impedance, depending on PCB material and thickness.

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.

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