

Low Temperature Cofired Ceramics Series

Balance Band-Pass Filter 平衡式带通滤波器

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

APPLICATION 用途

WLAN, Bluetooth, Home RF, etc.

DIMENSIONS 外观尺寸

Figure A

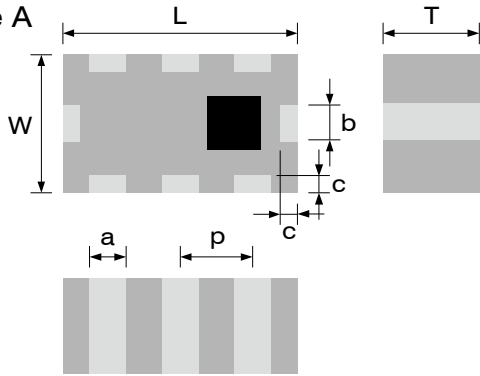


Figure B

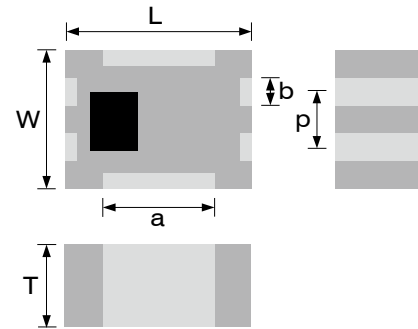


Figure C

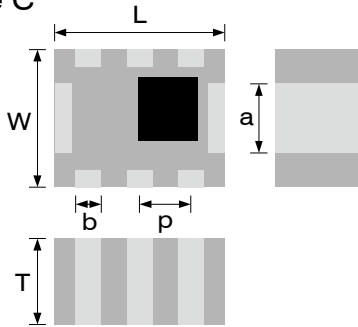
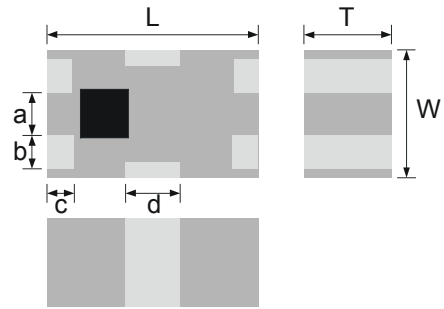


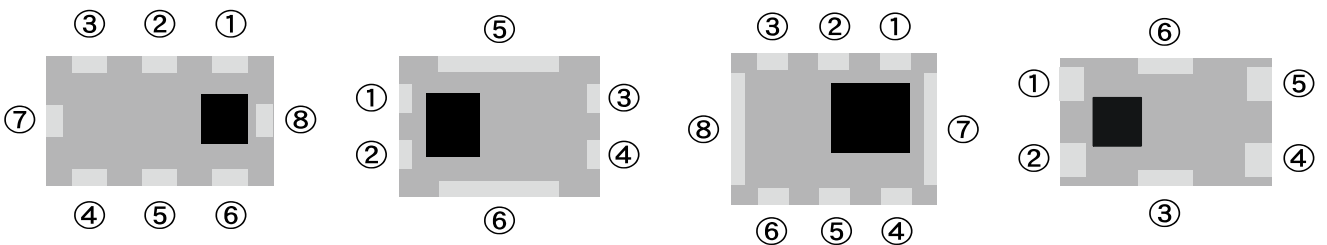
Figure D



Unit: mm

Figure	L	W	T	a	b	c	p/d
A	2.0±0.20	1.25±0.20	1.0±0.10	0.30+0.10 -0.15	0.30+0.10 -0.15	0.20±0.15	0.65±0.15
B	2.50±0.20	2.00±0.20	1.20±0.10	1.90±0.20	0.40±0.20	-	0.80±0.20
C	2.50±0.20	2.00±0.15	1.20±0.10	1.7±0.10	0.30±0.10	-	0.70±0.20
D	2.00±0.20	1.25±0.20	1.00±0.10	0.40±0.15	0.30±0.15	0.25±0.15	0.45±0.15

TERMINAL CONFIGURATION 脚位图



- ① Unbalance Port
- ② DC
- ③ NC
- ④ Balance Port
- ⑤ GND
- ⑥ Balance Port
- ⑦ GND
- ⑧ GND

- ① Unbalance Port
- ② DC
- ③ Balance Port
- ④ Balance Port
- ⑤ GND
- ⑥ GND

- ① N.C.
- ② Unbalance Port
- ③ D.C.
- ④ Balance Port
- ⑤ GND
- ⑥ Balance Port
- ⑦ GND
- ⑧ GND

- ① Unbalance Port
- ② NC
- ③ GND
- ④ Balance Port
- ⑤ Balance Port
- ⑥ GND

■ ELECTRICAL SPECIFICATIONS 电气规格

Part No. 型号	Pass Band 带宽(MHz)	Insertion Loss 插入损耗	VSWR 电压驻波比	Phase Difference 相位差	Amplitude Balance 振幅差	Attenuation 带外抑制	Figure 外观
BBF-2520-2G3H6-A1	2320~2332.5	2.3 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0dB max.	35dB min. at 800~ 960 MHz 30dB min. at 1710~1910 MHz 30dB min. at 4640~4665 MHz 25dB min. at 6960~6997.5 MHz	C
BBF-2012-2G4H6-A1/B1	2400~2500	3.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0dB max.	45dB min. at 880~ 960MHz 35dB min. at 1710~1880MHz 28dB min. at 1880~1990MHz 25dB min. at 4800~5000MHz 20dB min. at 7200~7500MHz	A
BBF-2012-2G4H6-B4	2400~2500	3.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0dB max.	30dB min. at 860~ 960MHz 25dB min. at 1710~1910MHz 25dB min. at 4800~5000MHz 20dB min. at 7200~7500MHz	A
BBF-2012-2G4H6-A5	2400~2500	3.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0dB max.	5dB min. at DC~1000MHz 20dB min. at 1000~2000MHz 12dB min. at 2000~2170MHz 20dB min. at 4800~5800MHz 20dB min. at 7200~7500MHz	A
BBF-2012-2G4H6-A8	2400~2500	3.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0dB max.	35dB min. at 880~ 960MHz 25dB min. at 1710~1910MHz 20dB min. at 4800~5000MHz 15dB min. at 7200~7500MHz	A
BBF-2012-2G4H6-A9	2400~2500	2.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	2.0dB max.	35dB min. at 860~960MHz 25dB min. at 1710~1910MHz 20dB min. at 4800~5000MHz 20dB min. at 7200~7500MHz	A
BBF-2012-2G4H6-A10	2400~2500	3.6 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	2.0dB max.	35dB min. at 860~960MHz 25dB min. at 1710~1910MHz 20dB min. at 4800~5000MHz	D
BBF-2012-2G4S1-A1	2400~2500	2.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	2.0dB max.	-	A
BBF-2520-2G4H6-A1	2400~2500	3.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	2.0dB max.	40 dB min. at 880~ 960 MHz 28 dB min. at 1710~1910 MHz 25 dB min. at 4800~5000 MHz 25 dB min. at 7200~7500 MHz	B
BBF-2520-2G4H6-B1	2400~2500	3.3 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	2.0dB max.	50dB min. at 880~960MHz 48dB min. at 1710~1880MHz 40dB min. at 1880~1990MHz 20dB min. at 2100~2170MHz 30dB min. at 4800~5000MHz 30dB min. at 7200~7500MHz	B
BBF-2012-2G5H6-A1	2300~2700	2.5 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0 dB max.	14dB min. at 100~1800MHz 14dB min. at 3400MHz 14dB min. at 4600~8000MHz	D
BBF-2012-2G5H6-A2	2300~2700	3.8 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0 dB max.	15dB min. at 960~1700MHz 25dB min. at 1710~1910MHz 25dB min. at 4900~5900MHz	D

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BBF-2520- 2G6H6-A1	2500~2700	3.3 dB max.	2.2 max.	$180^\circ \pm 10^\circ$	2.0dB max.	47dB min. at 824~ 960MHz 39dB min. at 1710~1990MHz 20dB min. at 2110~2170MHz 20dB min. at 5000~5400MHz 20dB min. at 7500~8100MHz	B
BBF-2520- 2G6H6-A2	2500~2700	3.3 dB max.	2.2 max.	$180^\circ \pm 10^\circ$	2.0dB max.	47dB min. at 824~ 960MHz 39dB min. at 1710~1990MHz 20dB min. at 2110~2170MHz 20dB min. at 5000~5400MHz 20dB min. at 7500~8100MHz	B
BBF-2012- 3G5H6-A1	3400~3600	2.7 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	1.0dB max.	14dB min. at 100~1800MHz 14dB min. at 3400MHz 14dB min. at 4600~8000MHz	D
BBF-2520- 3G5H6-A1	3400~3600	2.9 dB max.	2.0 max.	$180^\circ \pm 10^\circ$	2.0dB max.	35dB min. at 1088~1152MHz 40dB min. at 2040~2160MHz 32dB min. at 2720~2880MHz 20dB min. at 5150~5900MHz	B

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