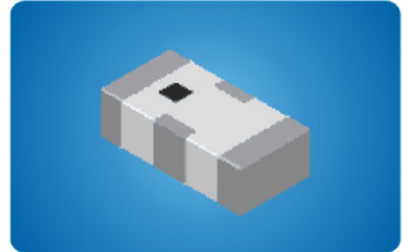


## BFCN3216系列带通滤波器

### ★ 特征与用途 FEATURES AND APPLICATIONS

- 体积小，适合高密度贴装
- 无源集成多层LTCC工艺
- 低插损，高抑制
- 符合ZZR-Q/XEC 20073-2015及企业详细规范



### ★ 产品型号 PRODUCT IDENTIFICATION

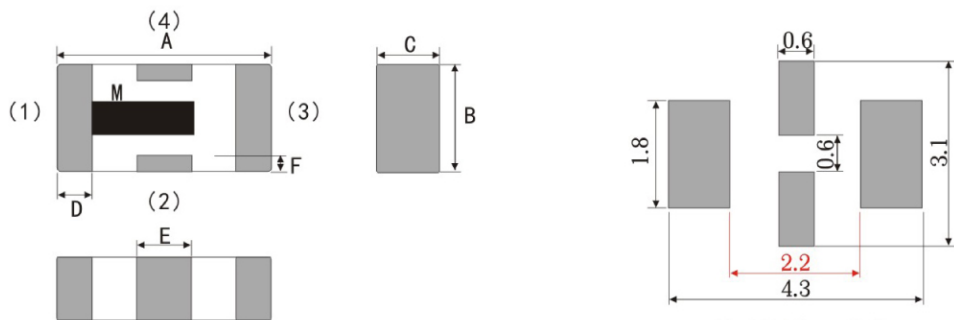
BFCN 3216 — 1445 A 01

① — ② — ③ — ④ — ⑤

- ① 带通滤波器
- ② 外形尺寸：长×宽
- ③ 中心频率(MHz)
- ④ 产品外形结构代码
- ⑤ 产品系列代码

### ★ 外观尺寸 SHAPE AND DIMENSIONS

BFCN3216系列产品外形结构图



推荐焊盘，单位：mm

注：(1)输入；(2)、(4)接地端；(3)输出；M：用于区分输入输出端及正反方向

单位：mm

型号	外形尺寸					
	A	B	C	D	E	F
BFCN3216	3.2±0.2	1.6±0.2	0.94±0.2	0.51±0.2	0.81±0.2	0.32±0.2

★ 规格特性

SPECIFICATIONS

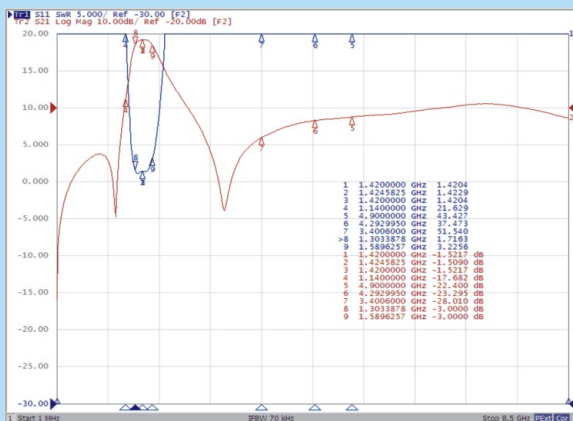
● BFCN3216 TYPE

型 号	截止频率 $f_c$ (MHz)	插入损耗		通带波动 (dB) Max	电压驻波比		阻带损耗	
		通带范围 (MHz)	标准值 (dB) Max		测试频率 (MHz)	标准值 Max	测试频率 (MHz)	标准值 (dB) Max
BFCN3216-1445A01	1445	1420-1470	3.0	1.0	1420~1470	2.5:1	1~1140	10
							2600~4900	12
BFCN3216-1855A01	1855	1790-1920	3.0	1.0	1790~1920	2.5:1	1~1400	12
							3700~5500	15
BFCN3216-2275A01	2275	2170-2380	3.0	1.0	2170~2380	2.5:1	1~1720	12
							4200~6000	15
BFCN3216-2435A01	2435	2340-2530	3.0	1.0	2340~2530	2.5:1	1~1830	12
							4300~5500	15
BFCN3216-2700A01	2700	2600-2800	5.0	1.0	2600~2800	2.8:1	1~1500	20
							4150~4200	20
							4200~5600	15
BFCN3216-3000A01	3000	1950-4050	2.0	1.0	1950~4050	1.5:1	1~1000	20
							5000~8500	20
BFCN3216-3085A01	3085	2800-3400	2.5	1.0	2800~3400	3.0:1	1~1750	15
							4250~7800	10
BFCN3216-3600A01	3600	3300-3900	1.8	1.0	3300~3900	1.5:1	1~1850	20
							5000~8000	20
BFCN3216-4440A01	4440	4200-4700	3.0	1.0	4200~4700	2.5:1	2000	15
							6750	12
							6650~12000	10
BFCN3216-7500A01	7500	7450-7650	3.5	1.0	7450~7650	2.5:1	1~6400	10
							9000~14000	12

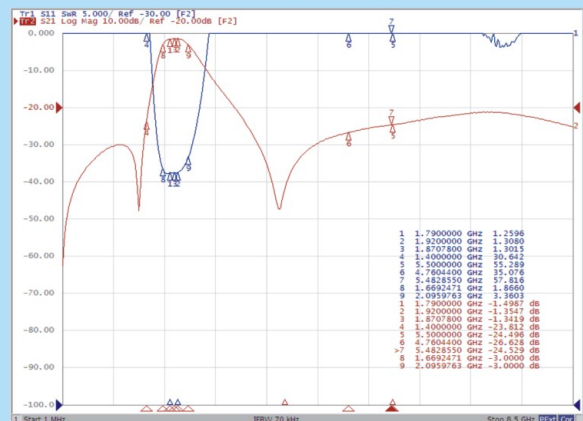
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

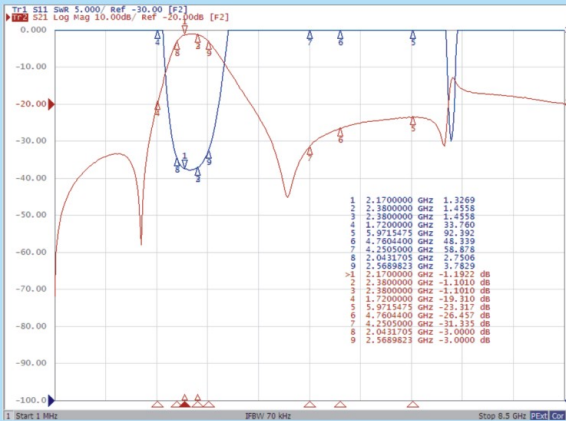
● BFCN3216-1445A01



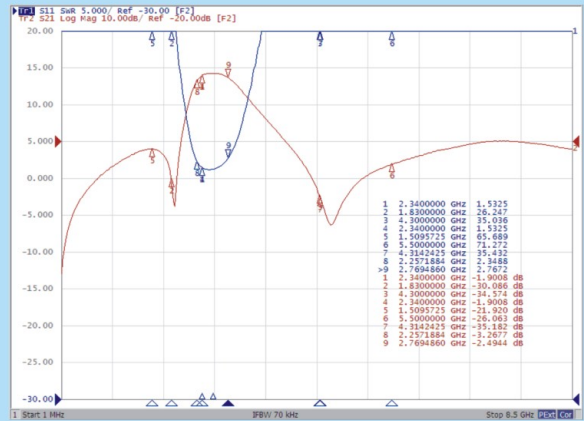
● BFCN3216-1855A01



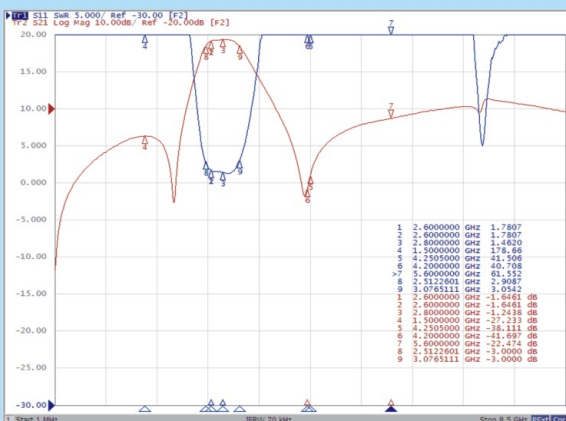
● BFCN3216-2275A01



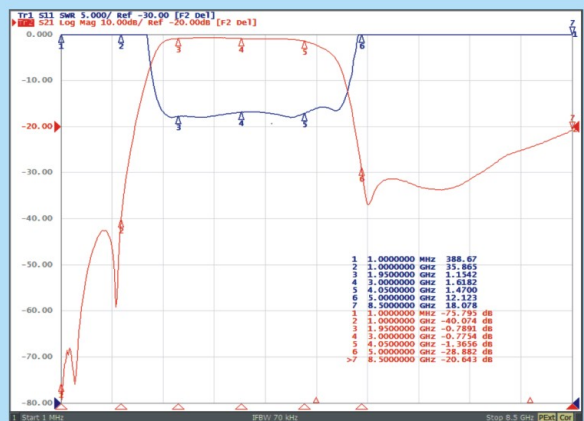
● BFCN3216-2435A01



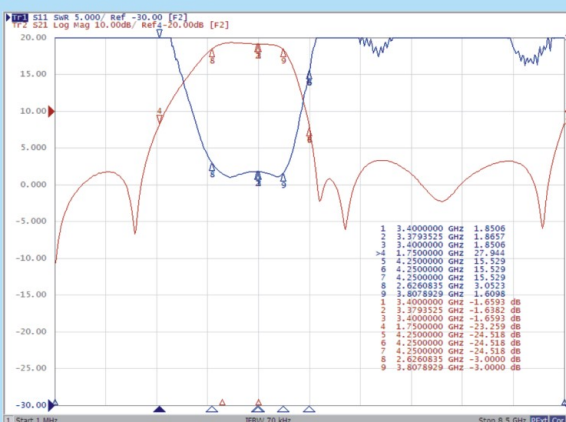
● BFCN3216-2700A01



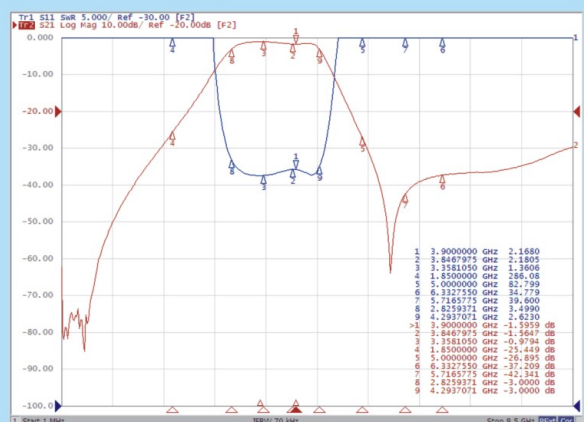
● BFCN3216-3000A01



● BFCN3216-3085A01



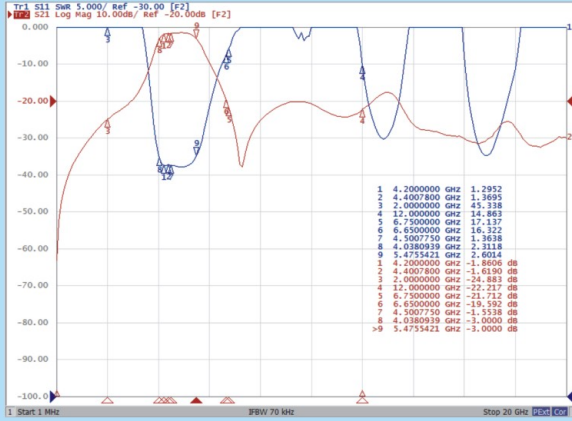
● BFCN3216-3600A01



★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

● BFCN3216-4440A01



● BFCN3216-7500A01

