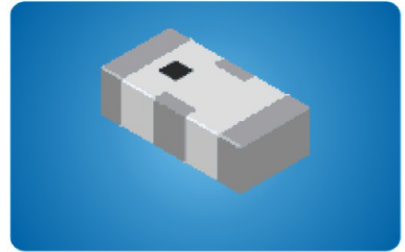


## LFCN3216A系列低通滤波器

### ★ 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
- 低插损损耗
- 符合ZZR-Q/XEC 20073-2015及企业详细规范



### ★ 产品型号 PRODUCT IDENTIFICATION

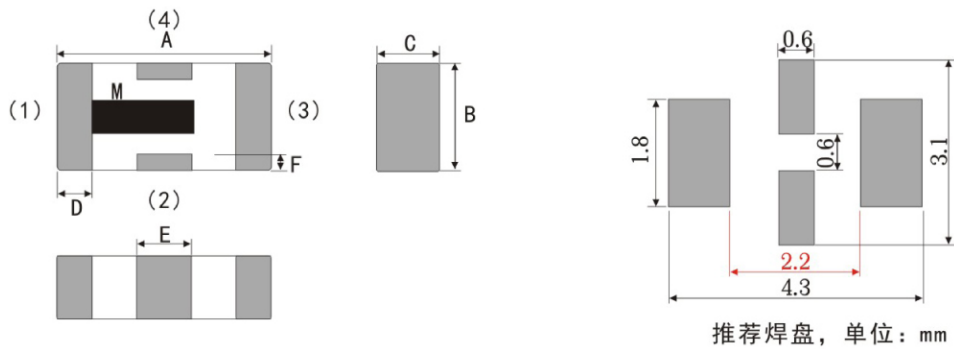
LFCN 3216 — 80 A 01

① — ② — ③ — ④ — ⑤

- ① 低通滤波器
- ② 外形尺寸：长×宽
- ③ 通带频率：80代表80MHz
- ④ 产品外形结构代码
- ⑤ 产品系列代码

### ★ 外观尺寸 SHAPE AND DIMENSIONS

LFCN3216A系列产品外形结构图



注：(1)输入；(2)、(4)接地端；(3)输出；M：标记

单位：mm

型号	外形尺寸					
	A	B	C	D	E	F
LFCN3216A	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

● LFCN3216A TYPE

型 号	截止频率 $f_c$ (MHz)	插入损耗		电压驻波比		阻带损耗	
		测试频率 (MHz)	标准值 (dB) Max	测试频率 (MHz)	标准值 (:1) Max	测试频率 (MHz)	标准值 (dB) Max
LFCN3216-80A01	$130 \leq f_c \leq 150$	1~80	1.2	1~80	2.0	200	20
						225~1550	30
						4500	15
LFCN3216-100A01	$130 \leq f_c \leq 150$	1~100	1.5	1~100	2.0	200	20
						225~1550	30
						4500	15
LFCN3216-120A01	$180 \leq f_c \leq 210$	1~120	1.2	1~120	2.0	280	20
						300~1850	30
						4750	15
LFCN3216-180A01	$250 \leq f_c \leq 290$	1~180	1.2	1~180	2.0	370~525	20
						525~2350	30
						2350~6400	15
LFCN3216-310A01*	$340 \leq f_c \leq 380$	1~310	1.5	1~310	1.5:1	450	25
						510~590	40
						1000	30
LFCN3216-320A01	$420 \leq f_c \leq 500$	1~320	1.0	1~320	2.0	560	20
						640~2500	30
						5300	15
LFCN3216-400A01	$520 \leq f_c \leq 600$	1~400	1.2	1~400	2.0	660	20
						680~3000	30
						5500	15
LFCN3216-420A01*	$520 \leq f_c \leq 620$	1~420	1.5	1~420	1.5:1	740	30
						750~950	30
						1000	40
LFCN3216-520A01*	$540 \leq f_c \leq 580$	1~520	1.5	1~520	1.5:1	800	25
						1040~1500	40
						2000	30
LFCN3216-530A01	$650 \leq f_c \leq 750$	1~530	1.2	1~530	2.0	820	20
						945~3000	30
						6000	15
LFCN3216-630A01	$760 \leq f_c \leq 900$	1~630	1.2	1~630	2.0	1000	20
						1050~3500	30
						6000	15
LFCN3216-900A01	$1000 \leq f_c \leq 1150$	1~850	1.3	1~850	2.0	1275	20
						1350~4850	25
						5100	15
LFCN3216-1000A01	$1220 \leq f_c \leq 1370$	1~1000	1.5	1~1000	1.5	1550	20
						1900~5000	25
						5500	15
LFCN3216-1200A01	$1480 \leq f_c \leq 1630$	1~1200	1.5	1~1200	1.5	1865	20
						2000~5000	25
						6000	15
LFCN3216-1325A01	$1490 \leq f_c \leq 1690$	1~1325	1.3	1~1325	2.0	2100	20
						2200	25
						4250	15
LFCN3216-1450A01	$1580 \leq f_c \leq 1800$	1~1450	1.0	1~1450	2.0	2025	20
						2050~6600	25
						6700	15
LFCN3216-1500A01	$1700 \leq f_c \leq 1950$	1~1500	1.2	1~1500	2.0	2100	20
						2150~6600	25
						6800	15
LFCN3216-1800A01	$2000 \leq f_c \leq 2250$	1~1800	1.2	1~1800	2.0	2425	20
						2500~7200	25
						8600	15
LFCN3216-5500A01	$5800 \leq f_c \leq 6800$	1~5500	2.0	1~5500	2.0	7200	20
						6770~9500	20
						9500~12100	15
LFCN3216-6000A01	$6300 \leq f_c \leq 7300$	1~6000	1.7	1~6000	2.5	8500	20
						8700~10500	20
						18000	10
LFCN3216-6700A01	$7200 \leq f_c \leq 8000$	1~6700	1.2	1~6700	2.0	9300	20
						9500~11000	25
						18000	15

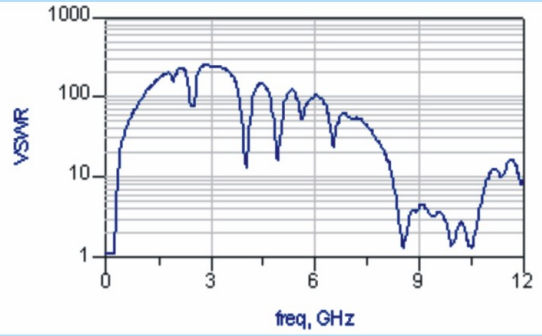
注：带\*型号产品厚度（C尺寸）为 $1.2 \pm 0.2$ mm，其余型号产品厚度（C尺寸）为 $0.94 \pm 0.2$ mm。



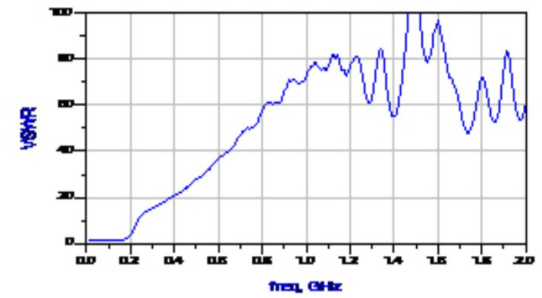
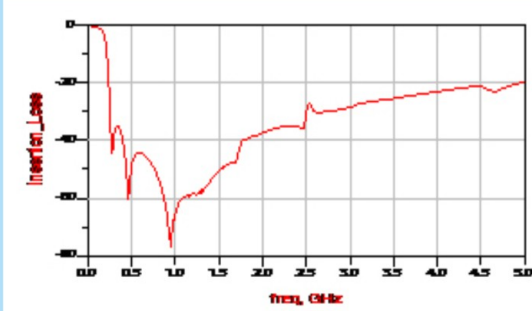
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

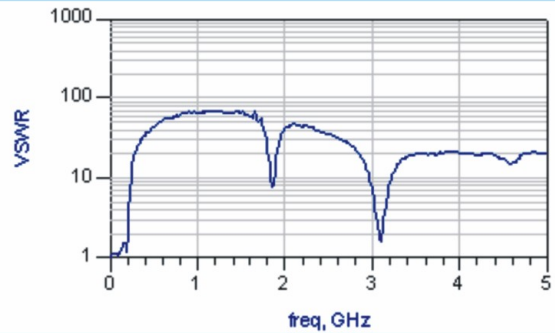
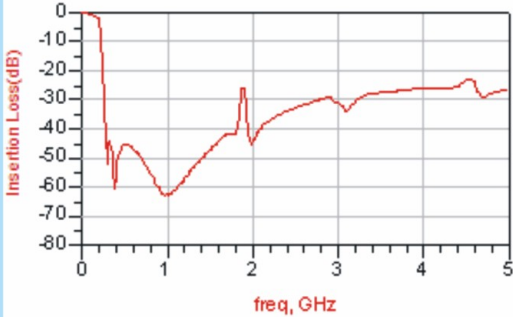
● LFCN3216-80A01



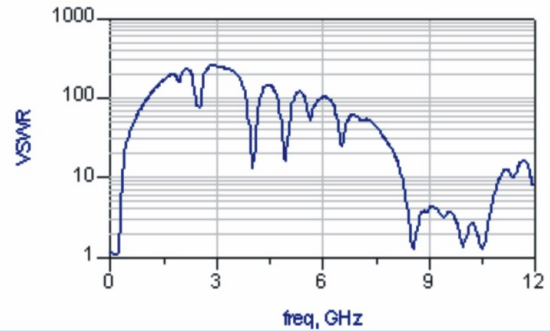
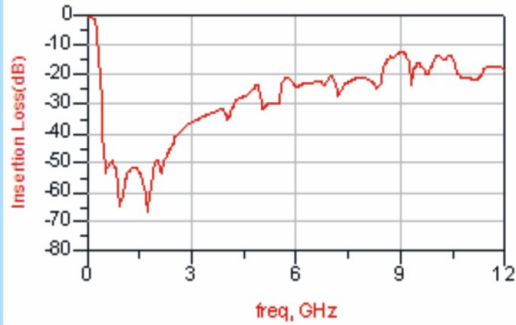
● LFCN3216-100A01



● LFCN3216-120A01



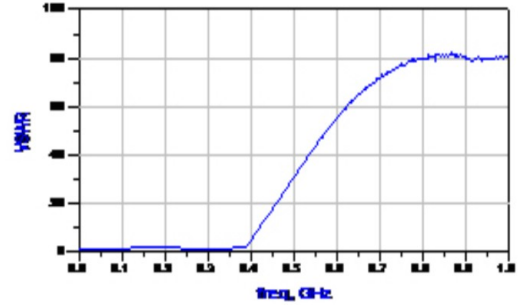
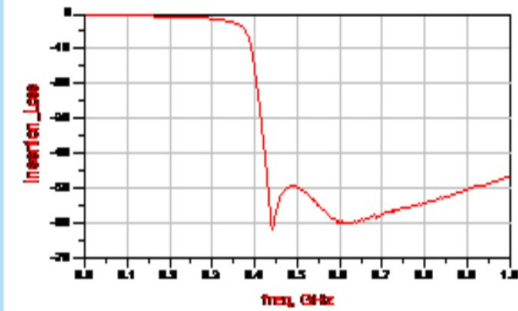
● LFCN3216-180A01



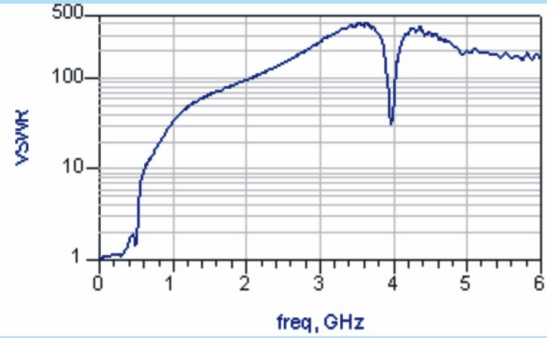
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

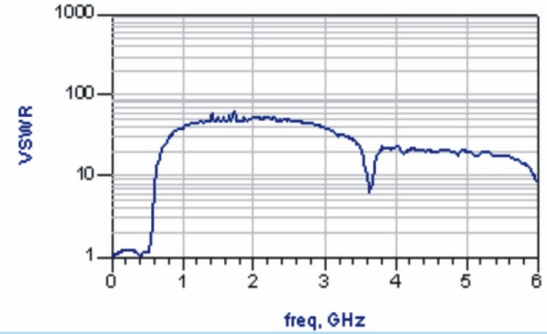
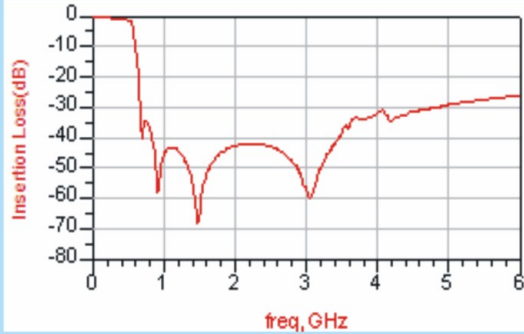
● LFCN3216-310A01\*



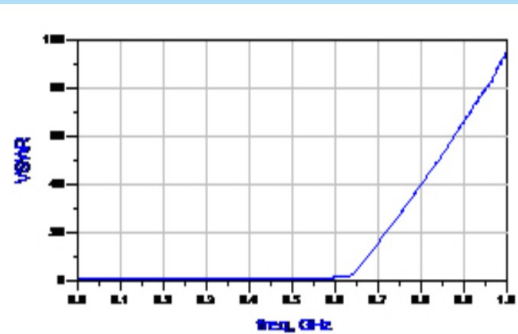
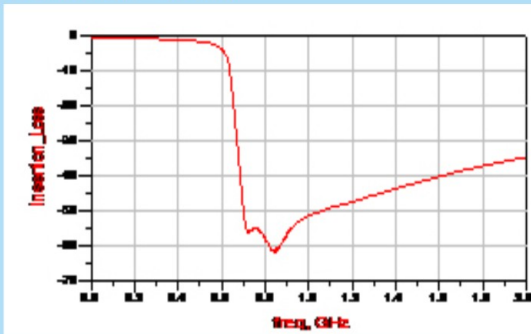
● LFCN3216-320A01



● LFCN3216-400A01



● LFCN3216-420A01

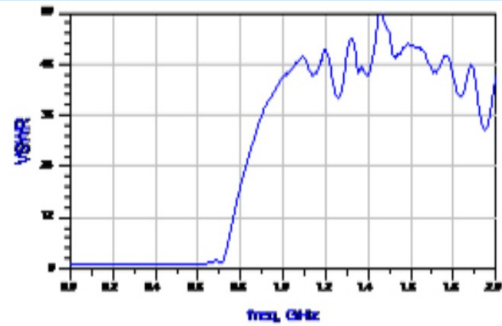
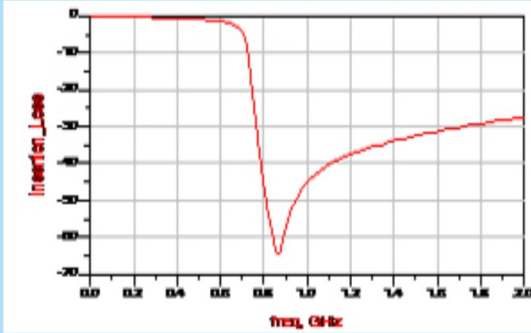




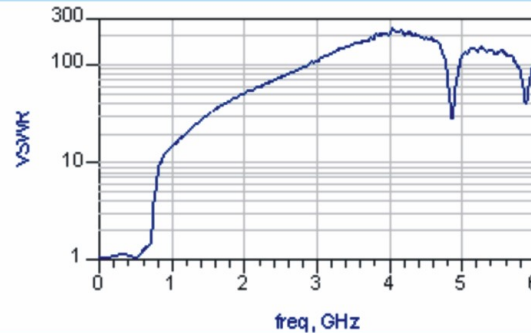
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

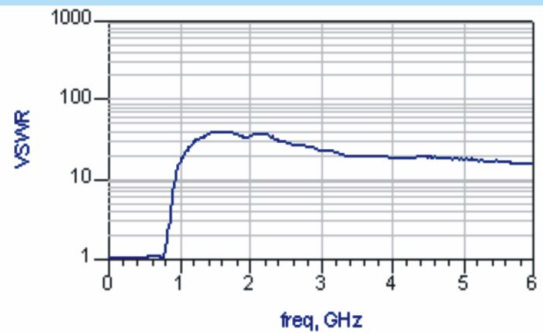
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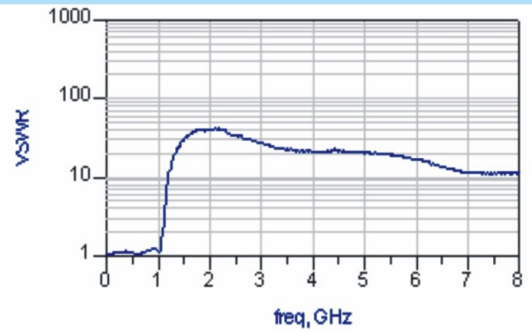
● LFCN3216-530A01



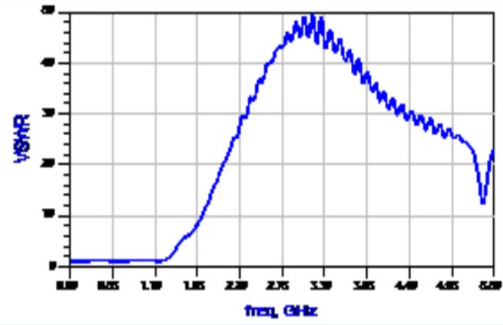
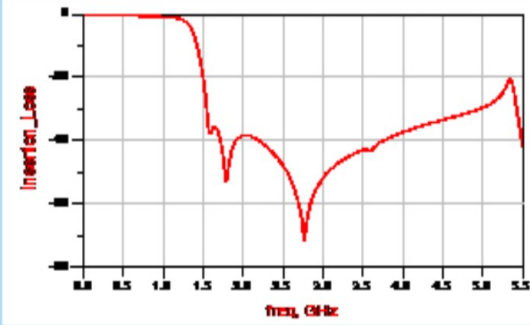
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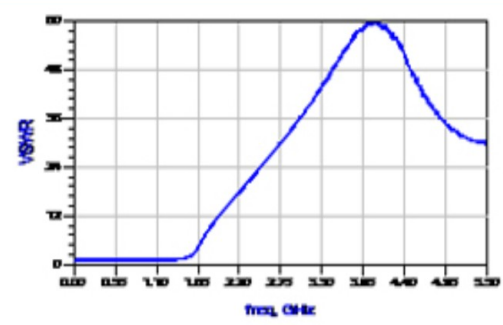
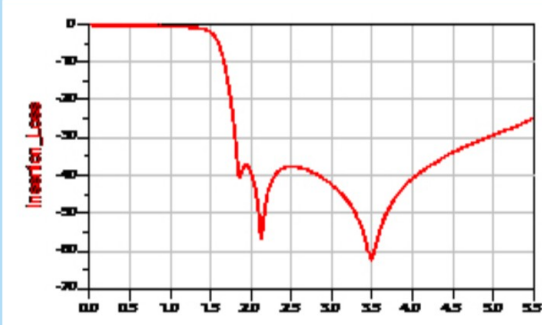
● LFCN3216-900A01



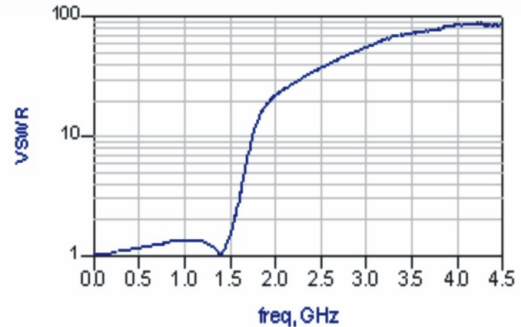
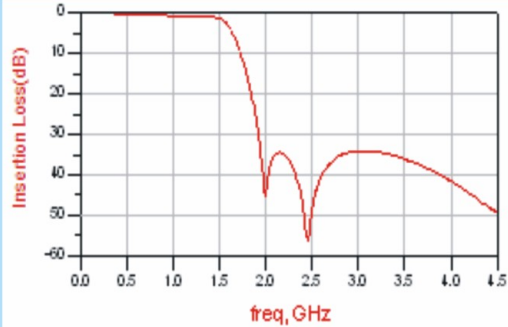
● LFCN3216-1000A01



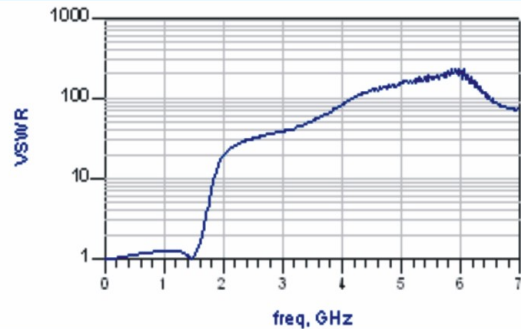
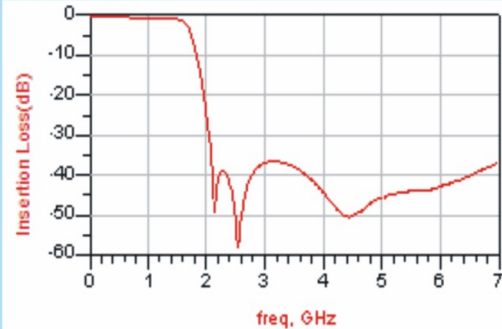
● LFCN3216-1200A01



● LFCN3216-1325A01



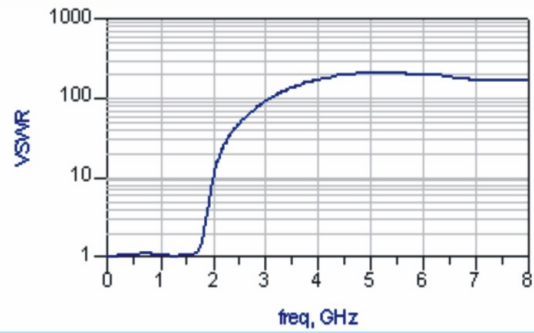
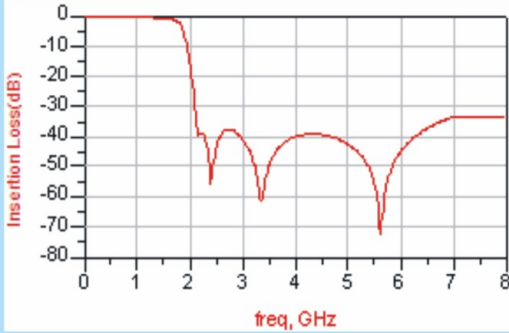
● LFCN3216-1450A01



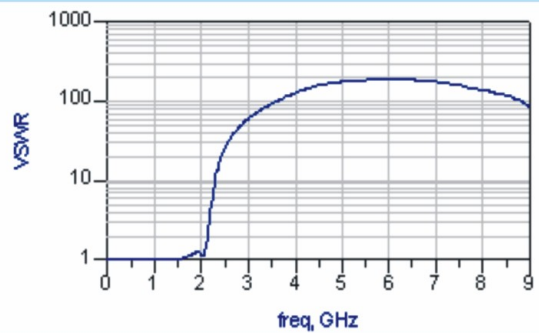
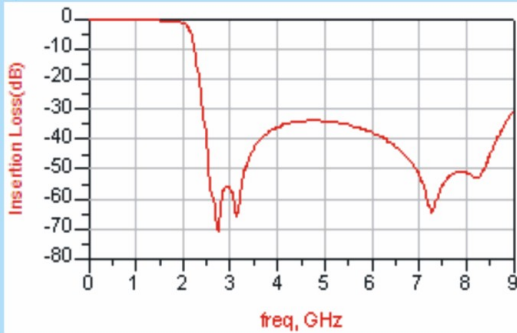
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

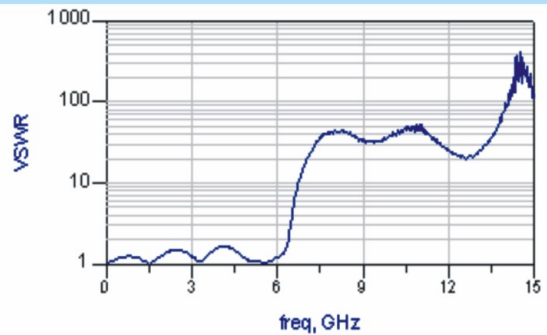
● LFCN3216-1500A01



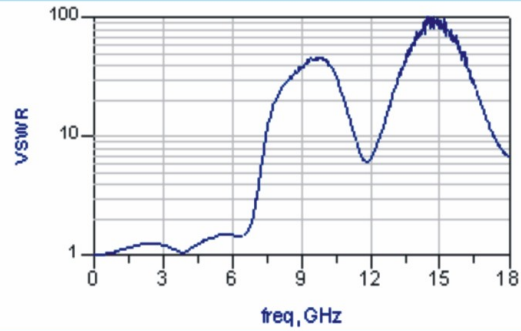
● LFCN3216-1800A01



● LFCN3216-5500A01



● LFCN3216-6000A01



● LFCN3216-6700A01

