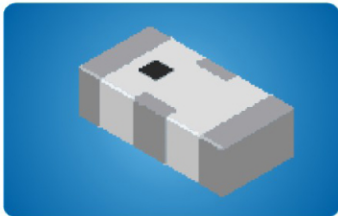


LFCN3216系列低通滤波器

★ 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

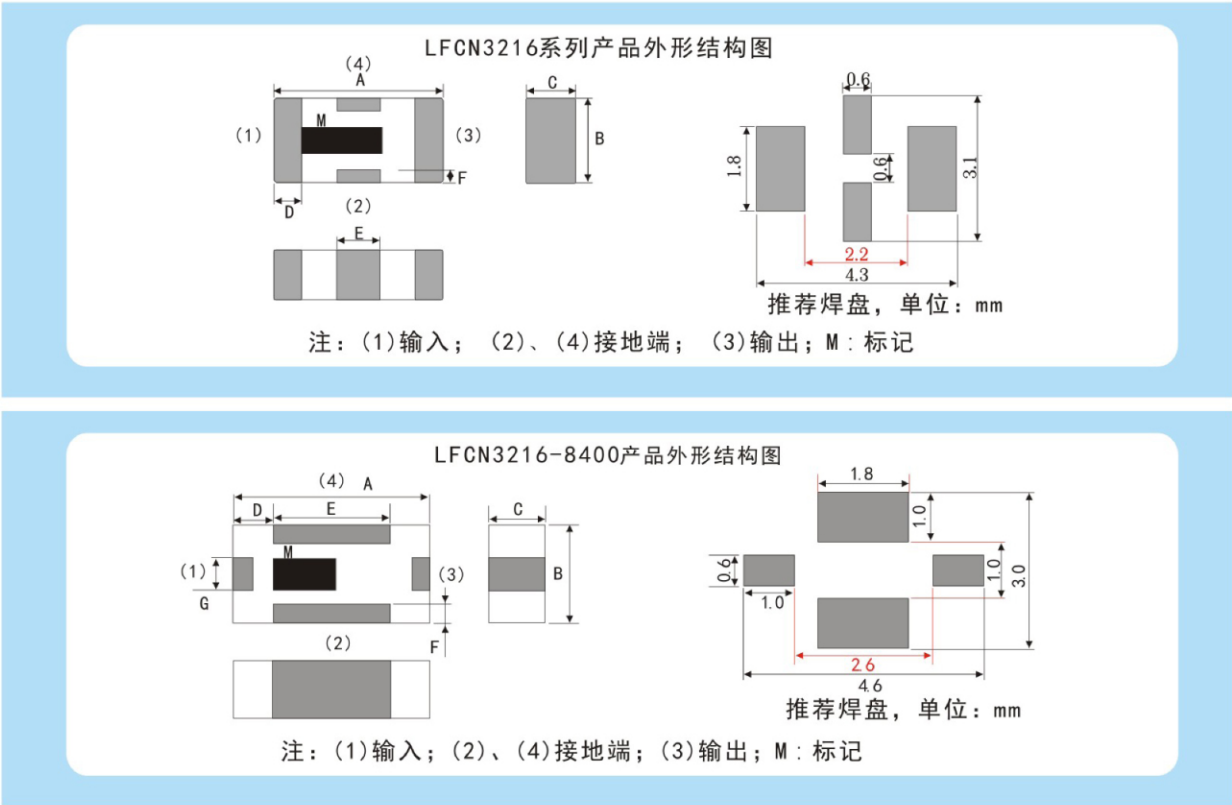
LFCN 3216 — 80

① ② ③

- ① 低通滤波器
- ② 外形尺寸：长×宽
- ③ 通带频率：80代表80MHz

★ 外观尺寸

SHAPE AND DIMENSIONS



单位：mm

型 号	外 形 尺 寸						
	A	B	C	D	E	F	G
LFCN3216	3.2±0.2	1.6±0.2	0.94±0.2	0.51±0.2	0.81±0.2	0.32±0.2	/
LFCN3216-8400	3.2±0.2	1.6±0.2	0.94±0.2	0.65±0.2	1.9±0.15	0.3±0.2	0.5±0.15

★ 规格特性

SPECIFICATIONS

● LFCN3216 TYPE

型 号	截止频率 f_c (MHz)	插入损耗		电压驻波比		阻带损耗	
	插入损耗=3dB	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
LFCN3216-80	$85 \leq f_c \leq 205$	1~80	1.5	1~80	1.3	200	20
						225~1550	30
						4500	15
LFCN3216-95	$105 \leq f_c \leq 225$	1~95	1.5	1~95	1.2	240	15
						255~1600	30
						4500	15
LFCN3216-105	$120 \leq f_c \leq 240$	1~105	1.5	1~105	1.2	250	20
						265~1650	35
						4750	15
LFCN3216-120	$135 \leq f_c \leq 255$	1~120	1.5	1~120	1.2	280	20
						300~1850	35
						4750	15
LFCN3216-160	$170 \leq f_c \leq 290$	1~160	1.5	1~160	1.2	330	20
						480~2700	30
						6100	15
LFCN3216-180	$210 \leq f_c \leq 330$	1~180	1.5	1~180	1.2	370	20
						525~2350	35
						6400	15
LFCN3216-190	$220 \leq f_c \leq 340$	1~190	1.5	1~190	1.2	400	20
						510~2850	35
						6550	15
LFCN3216-225	$290 \leq f_c \leq 410$	1~225	1.5	1~225	1.2	460	20
						510~2500	35
						5500	15
LFCN3216-320	$400 \leq f_c \leq 520$	1~320	1.5	1~320	1.2	560	20
						640~2500	35
						5300	15
LFCN3216-400	$500 \leq f_c \leq 620$	1~400	1.5	1~400	1.2	660	20
						680~3000	35
						5500	15
LFCN3216-490	$590 \leq f_c \leq 710$	1~490	1.5	1~490	1.2	800	20
						880~2500	35
						6000	15
LFCN3216-530	$640 \leq f_c \leq 760$	1~530	1.5	1~530	1.2	820	20
						945~3000	35
						6000	15
LFCN3216-575	$710 \leq f_c \leq 830$	1~575	1.5	1~575	1.2	900	20
						1050~3200	35
						5500	15
LFCN3216-630	$770 \leq f_c \leq 890$	1~630	1.5	1~630	1.3	1000	20
						1050~3500	35
						6000	15
LFCN3216-800	$930 \leq f_c \leq 1050$	1~800	1.5	1~750	1.4	1400	20
						1500~2000	25
						4500	15
LFCN3216-900	$995 \leq f_c \leq 1155$	1~850	1.5	1~800	1.2	1275	20
						1350~4850	25
						5100	15
LFCN3216-1000	$1220 \leq f_c \leq 1380$	1~1000	1.5	1~1000	1.3	1550	20
						1900~5000	25
						5500	15
LFCN3216-1200	$1450 \leq f_c \leq 1610$	1~1200	1.5	1~1150	1.2	1865	20
						2000~5000	25
						6000	15
LFCN3216-1325	$1480 \leq f_c \leq 1640$	1~1325	1.5	1~1325	1.4	2100	20
						2200	25
						4250	15
LFCN3216-1400	$1620 \leq f_c \leq 1780$	1~1400	1.5	1~1400	1.2	2015	20
						2100~6600	25
						6800	15
LFCN3216-1450	$1745 \leq f_c \leq 1905$	1~1450	1.5	1~1400	1.2	2025	20
						2050~6500	25
						6600	15

★ 规格特性

SPECIFICATIONS

● LFCN3216 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
LFCN3216-1500	$1745 \leq f_c \leq 1905$	1~1500	1.5	1~1500	1.2	2100	20
						2150~6600	25
						6800	15
LFCN3216-1525	$1670 \leq f_c \leq 1830$	1~1525	1.5	1~1525	1.2	2040	20
						2120~6600	25
						6700	15
LFCN3216-1575	$1795 \leq f_c \leq 1955$	1~1575	1.5	1~1575	1.2	2175	20
						2225~6800	25
						7100	15
LFCN3216-1700	$1950 \leq f_c \leq 2150$	1~1700	1.5	1~1700	1.6	2375	20
						2500~6500	25
						6850	15
LFCN3216-1800	$2025 \leq f_c \leq 2225$	1~1800	1.5	1~1800	1.2	2425	20
						2500~7200	25
						8600	15
LFCN3216-2000	$2075 \leq f_c \leq 2475$	1~2000	1.5	1~1750	1.4	3000	20
						3100~3500	25
						4600	15
LFCN3216-2250	$2375 \leq f_c \leq 2775$	1~2200	1.5	1~2000	1.4	2900	20
						3000~5000	25
						7200	15
LFCN3216-2400	$2600 \leq f_c \leq 3200$	1~2400	1.5	1~2300	1.5	3600	20
						3700~4000	25
						5000	15
LFCN3216-2500	$2775 \leq f_c \leq 3375$	1~2500	1.5	1~2500	1.5	3675	20
						3800~6100	25
						8000	15
LFCN3216-2600	$2825 \leq f_c \leq 3425$	1~2600	1.5	1~1300	1.2	3750	20
						3900~6600	25
						8400	15
LFCN3216-2750	$2850 \leq f_c \leq 3450$	1~2750	1.5	1~2750	1.2	4000	20
						4100~6800	25
						8400	15
LFCN3216-2850	$3000 \leq f_c \leq 3600$	1~2800	1.5	1~1000	1.4	4000	20
						4200~7400	25
						9000	15
LFCN3216-3000	$3300 \leq f_c \leq 3900$	1~3000	1.5	1~3000	1.2	4550	20
						4780~7500	25
						10000	15
LFCN3216-3400	$3550 \leq f_c \leq 4350$	1~3400	1.5	1~3300	1.3	4300	20
						4600~7800	20
						8300	15
LFCN3216-3800	$4450 \leq f_c \leq 5200$	1~3900	1.5	1~3000	1.2	6000	20
						5700~8300	20
						13000	15
LFCN3216-4400	$4890 \leq f_c \leq 5690$	1~4400	1.5	1~4400	1.4	6700	20
						6500~9800	25
						13000	15
LFCN3216-5000	$5180 \leq f_c \leq 5980$	1~5000	1.5	1~5000	1.5	6850	20
						7050	25
						18000	15
LFCN3216-5500	$5750 \leq f_c \leq 6650$	1~5500	2.0	1~4800	1.5	7200	20
						6770~9500	20
						12100	15
LFCN3216-5850	$6090 \leq f_c \leq 6990$	1~5850	2.0	1~5850	1.3	7200	20
						7900~8500	20
						12500	15
LFCN3216-6000	$6350 \leq f_c \leq 7250$	1~6000	2.0	1~6000	1.3	8500	20
						8700~10500	25
						18000	15
LFCN3216-6400	$6700 \leq f_c \leq 7700$	1~6400	2.0	1~5500	1.4	8300	20
						7770~10200	25
						12500	15



★ 规格特性

SPECIFICATIONS

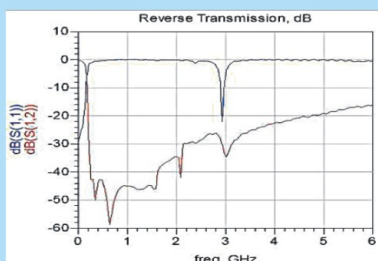
● LFCN3216 TYPE

型 号	截止频率 f_c (MHz)	插入损耗		电压驻波比		阻带损耗	
	插入损耗=3dB	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
LFCN3216-6700	$7100 \leq f_c \leq 8100$	1~6700	2.0	1~6700	1.4	9300 9500~11000 18000	20 25 15
LFCN3216-7200	$7650 \leq f_c \leq 8650$	1~7200	2.0	1~6000	1.3	9500 8850~9600 12300	20 25 15
LFCN3216-8400	$8600 \leq f_c \leq 9600$	1~8400	1.6	1~8400	1.6	10300 15400 23100	20 30 10

★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

● LFCN3216-80



● LFCN3216-95



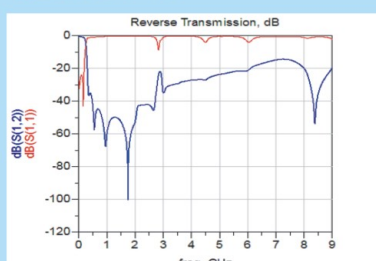
● LFCN3216-105



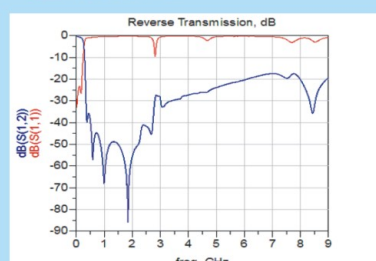
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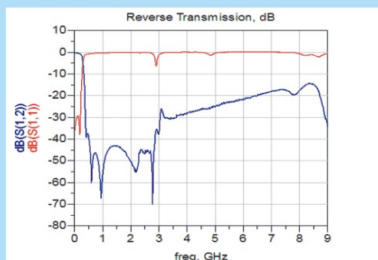
● LFCN3216-160



● LFCN3216-180



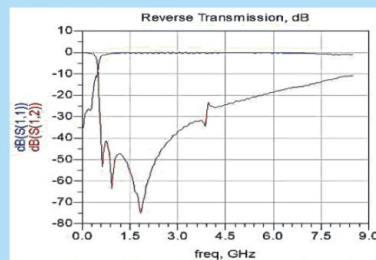
● LFCN3216-190



● LFCN3216-225



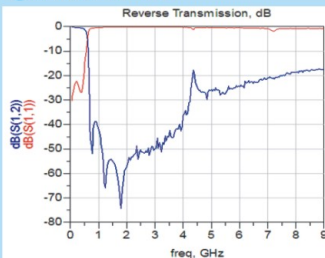
● LFCN3216-320



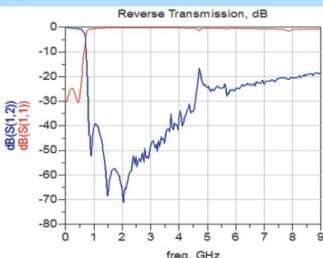
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

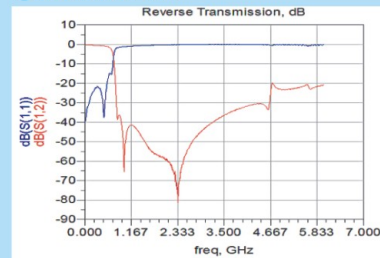
● LFCN3216-400



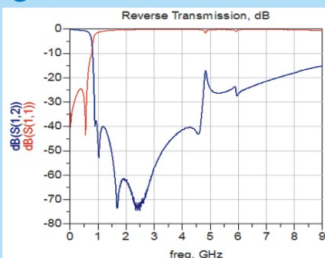
● LFCN3216-490



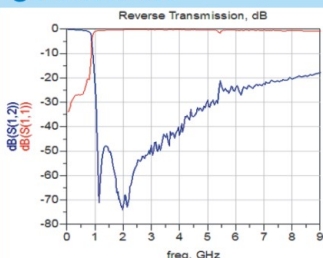
● LFCN3216-530



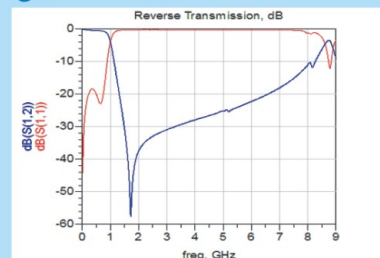
● LFCN3216-575



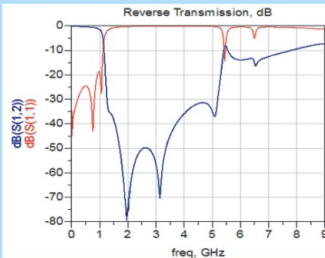
● LFCN3216-630



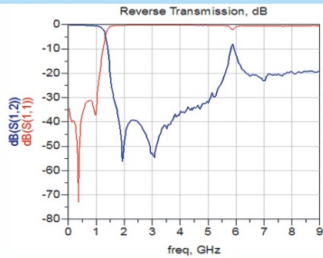
● LFCN3216-800



● LFCN3216-900



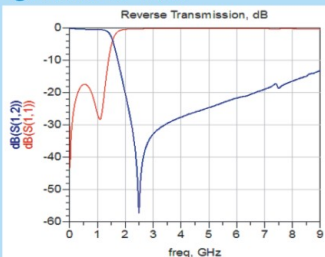
● LFCN3216-1000



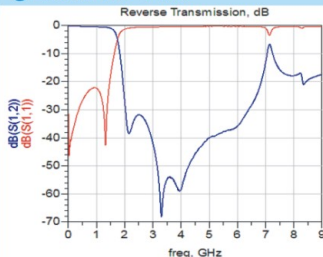
● LFCN3216-1200



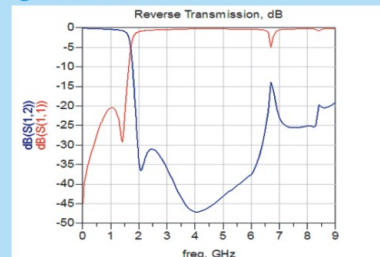
● LFCN3216-1325



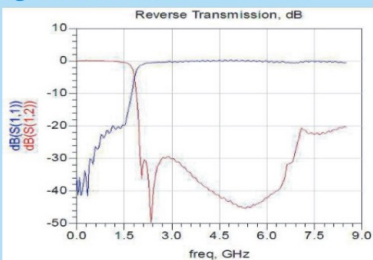
● LFCN3216-1400



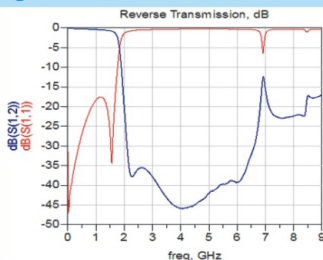
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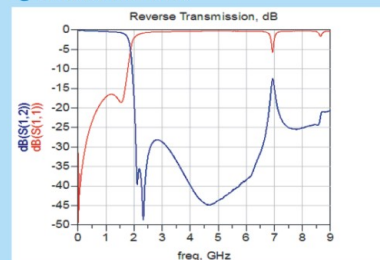
● LFCN3216-1500



● LFCN3216-1525



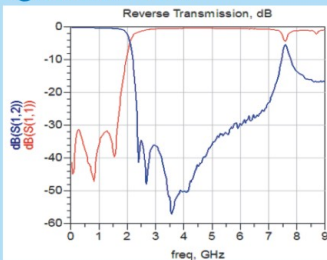
● LFCN3216-1575



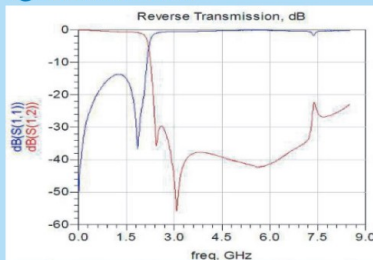
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

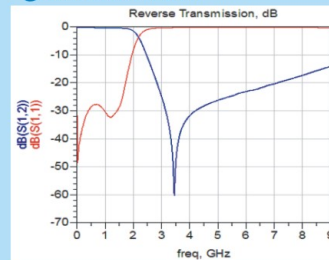
● LFCN3216-1700



● LFCN3216-1800



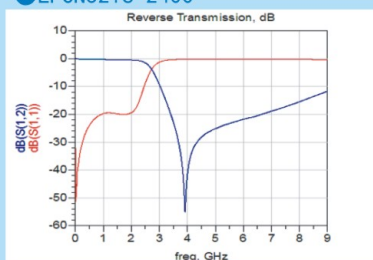
● LFCN3216-2000



● LFCN3216-2250



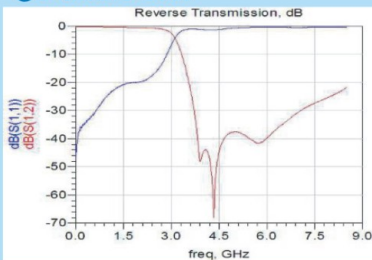
● LFCN3216-2400



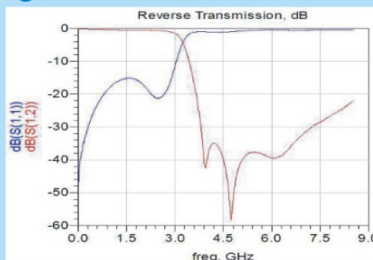
● LFCN3216-2500



● LFCN3216-2600



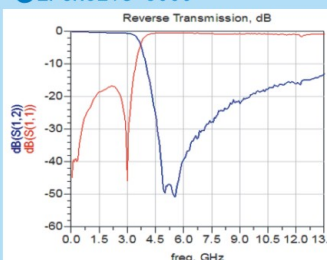
● LFCN3216-2750



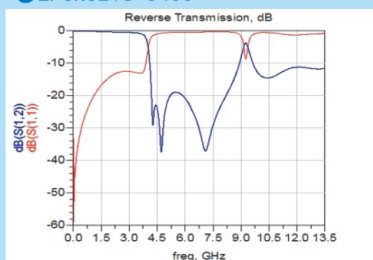
● LFCN3216-2850



● LFCN3216-3000



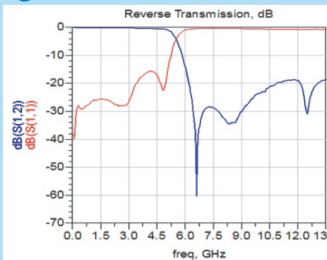
● LFCN3216-3400



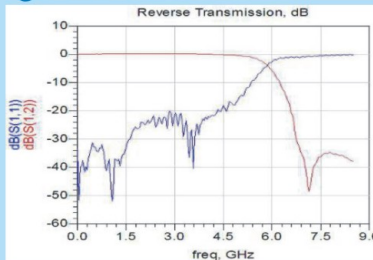
● LFCN3216-3800



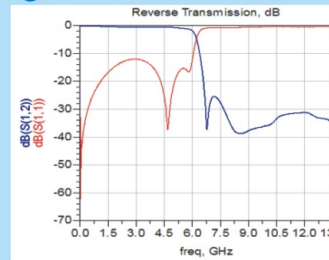
● LFCN3216-4400



● LFCN3216-5000



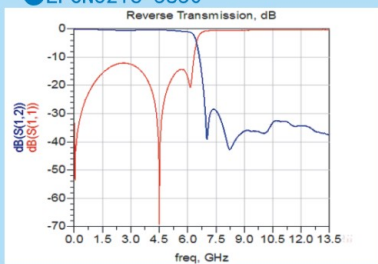
● LFCN3216-5500



★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

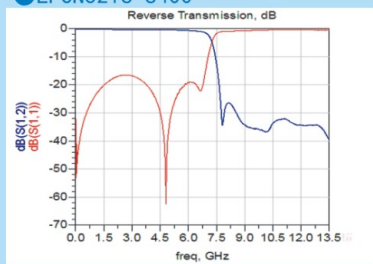
● LFCN3216-5850



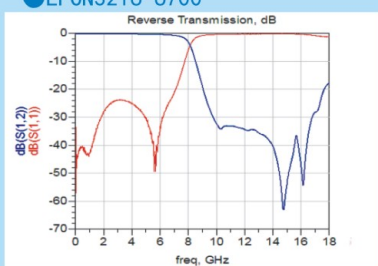
● LFCN3216-6000



● LFCN3216-6400



● LFCN3216-6700



● LFCN3216-7200



● LFCN3216-8400

