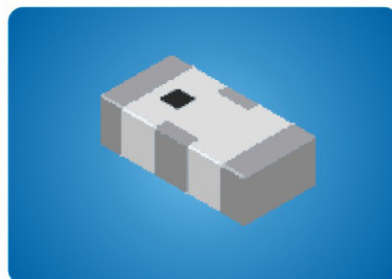


JLTC-LPF3216型低通滤波器

★ 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LMS 351-2005及企业详细规范



★ 产品型号 PRODUCT IDENTIFICATION

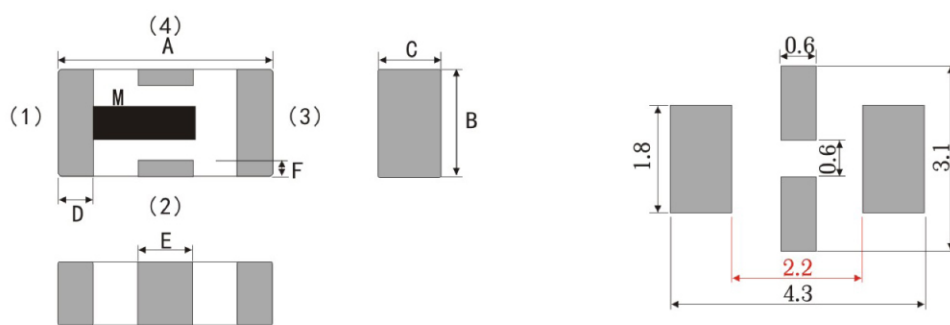
JLTC — LPF 3216 — 145M

① — ② — ③ — ④

- ① 低温共烧陶瓷滤波器
- ② 低通滤波器
- ③ 外形尺寸：长×宽
- ④ 截止频率：145M表示145MHz

★ 外观尺寸 SHAPE AND DIMENSIONS

JLTC-LPF3216型产品外形结构图



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
JLTC-LPF3216	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

● JLTC-LPF3216 TYPE

型 号	截止频率 f_c (MHz) 插入损耗=3dB	插入损耗		电压驻波比		阻带损耗	
		通带频率 (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
JLTC-LPF3216-145M	$85 \leq f_c \leq 205$	1 ~ 80	1.5	1 ~ 80	1.5	200	20
						225 ~ 1550	30
						4500	15
JLTC-LPF3216-165M	$105 \leq f_c \leq 225$	1 ~ 95	1.5	1 ~ 95	1.5	240	15
						255 ~ 1600	30
						4500	15
JLTC-LPF3216-180M	$120 \leq f_c \leq 240$	1 ~ 105	1.5	1 ~ 105	1.5	250	20
						265 ~ 1650	35
						4750	15
JLTC-LPF3216-195M	$135 \leq f_c \leq 255$	1 ~ 120	1.5	1 ~ 120	1.5	280	20
						300 ~ 1850	35
						4750	15
JLTC-LPF3216-230M	$170 \leq f_c \leq 290$	1 ~ 160	1.5	1 ~ 160	1.5	330	20
						480 ~ 2700	30
						6100	15
JLTC-LPF3216-270M	$210 \leq f_c \leq 330$	1 ~ 180	1.5	1 ~ 180	1.5	370	20
						525 ~ 2350	35
						6400	15
JLTC-LPF3216-280M	$220 \leq f_c \leq 340$	1 ~ 190	1.5	1 ~ 190	1.5	400	20
						510 ~ 2850	35
						6550	15
JLTC-LPF3216-350M	$290 \leq f_c \leq 410$	1 ~ 225	1.5	1 ~ 225	1.5	460	20
						510 ~ 2500	35
						5500	15
JLTC-LPF3216-460M	$400 \leq f_c \leq 520$	1 ~ 320	1.5	1 ~ 320	1.5	560	20
						640 ~ 2500	35
						5300	15
JLTC-LPF3216-560M	$500 \leq f_c \leq 620$	1 ~ 400	1.5	1 ~ 400	1.5	660	20
						680 ~ 3000	35
						5500	15
JLTC-LPF3216-650M	$590 \leq f_c \leq 710$	1 ~ 490	1.5	1 ~ 490	1.5	800	20
						880 ~ 2500	35
						6000	15
JLTC-LPF3216-700M	$640 \leq f_c \leq 760$	1 ~ 530	1.5	1 ~ 530	1.5	820	20
						945 ~ 3000	35
						6000	15
JLTC-LPF3216-770M	$710 \leq f_c \leq 830$	1 ~ 575	1.5	1 ~ 575	1.5	900	20
						1050 ~ 3200	35
						5500	15
JLTC-LPF3216-830M	$770 \leq f_c \leq 890$	1 ~ 630	1.5	1 ~ 630	1.5	1000	20
						1050 ~ 3500	35
						6000	15
JLTC-LPF3216-990M	$930 \leq f_c \leq 1050$	1 ~ 800	1.5	1 ~ 750	1.5	1400	20
						1500 ~ 2000	25
						4500	15
JLTC-LPF3216-1075M	$995 \leq f_c \leq 1155$	1 ~ 850	1.5	1 ~ 800	1.5	1275	20
						1350 ~ 4850	25
						5100	15
JLTC-LPF3216-1300M	$1220 \leq f_c \leq 1380$	1 ~ 1000	1.5	1 ~ 1000	1.5	1550	20
						1900 ~ 5000	25
						5500	15
JLTC-LPF3216-1530M	$1450 \leq f_c \leq 1610$	1 ~ 1200	1.5	1 ~ 1150	1.5	1865	20
						2000 ~ 5000	25
						6000	15
JLTC-LPF3216-1560M	$1480 \leq f_c \leq 1640$	1 ~ 1325	1.5	1 ~ 1325	1.5	2100	20
						2200	25
						4250	15
JLTC-LPF3216-1700M	$1620 \leq f_c \leq 1780$	1 ~ 1400	1.5	1 ~ 1400	1.5	2015	20
						2100 ~ 6600	25
						6800	15
JLTC-LPF3216-1825M	$1745 \leq f_c \leq 1905$	1 ~ 1450	1.5	1 ~ 1400	1.5	2025	20
						2050 ~ 6500	25
						6600	15

★ 规格特性

SPECIFICATIONS

● JLTC-LPF3216 TYPE

型 号	截止频率 f_c (MHz) 插入损耗=3dB	插入损耗		电压驻波比		阻带损耗	
		通带频率 (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
JLTC-LPF3216-1830M	1750≤ f_c ≤1910	1~1500	1.5	1~1500	1.5	2100	20
						2150~6600	25
JLTC-LPF3216-1750M	1670≤ f_c ≤1830	1~1525	1.5	1~1525	1.5	6800	15
						2040	20
JLTC-LPF3216-1875M	1795≤ f_c ≤1955	1~1575	1.5	1~1575	1.5	2120~6600	25
						6700	15
JLTC-LPF3216-2050M	1950≤ f_c ≤2150	1~1700	1.5	1~1700	1.5	2175	20
						2225~6800	25
JLTC-LPF3216-2125M	2025≤ f_c ≤2225	1~1800	1.5	1~1800	1.5	7100	15
						2375	20
JLTC-LPF3216-2275M	2075≤ f_c ≤2475	1~2000	1.5	1~1750	1.5	2500~6500	25
						6850	15
JLTC-LPF3216-2575M	2375≤ f_c ≤2775	1~2200	1.5	1~2000	1.5	2425	20
						2500~7200	25
JLTC-LPF3216-2900M	2600≤ f_c ≤3200	1~2400	1.5	1~2300	1.5	8600	15
						3000	20
JLTC-LPF3216-3075M	2775≤ f_c ≤3375	1~2500	1.5	1~2500	1.5	3100~3500	25
						4600	15
JLTC-LPF3216-3125M	2825≤ f_c ≤3425	1~2600	1.5	1~1300	1.5	2900	20
						3000~5000	25
JLTC-LPF3216-3150M	2850≤ f_c ≤3450	1~2750	1.5	1~2750	1.5	7200	15
						3600	20
JLTC-LPF3216-3300M	3000≤ f_c ≤3600	1~2800	1.5	1~1000	1.5	3700~4000	25
						5000	15
JLTC-LPF3216-3600M	3300≤ f_c ≤3900	1~3000	1.5	1~3000	1.5	3675	20
						3800~6100	25
JLTC-LPF3216-3950M	3550≤ f_c ≤4350	1~3400	1.5	1~3300	1.5	8000	15
						3750	20
JLTC-LPF3216-4850M	4450≤ f_c ≤5200	1~3900	1.5	1~3000	1.5	3900~6600	25
						8400	15
JLTC-LPF3216-5290M	4890≤ f_c ≤5690	1~4400	1.5	1~4400	1.5	4000	20
						4100~6800	25
JLTC-LPF3216-5580M	5180≤ f_c ≤5980	1~5000	1.5	1~5000	1.5	8400	15
						4000	20
JLTC-LPF3216-6200M	5750≤ f_c ≤6650	1~5500	2.0	1~4800	1.5	4200~7400	25
						9000	15
JLTC-LPF3216-6540M	6090≤ f_c ≤6990	1~5850	2.0	1~5850	1.5	4550	20
						4780~7500	25
JLTC-LPF3216-6800M	6350≤ f_c ≤7250	1~6000	2.0	1~6000	1.5	10000	15
						4300	20
JLTC-LPF3216-7200M	6700≤ f_c ≤7700	1~6400	2.0	1~5500	1.5	4600~7800	20
						8300	15
						6000	20
						5700~8300	20
						13000	15
						6700	20
						6500~9800	25
						13000	15
						6850	20
						7050	25
						18000	15
						7200	20
						6770~9500	20
						12100	15
						7200	20
						7900~8500	20
						12500	15
						8500	20
						8700~10500	25
						18000	15
						8300	20
						7770~10200	25
						12500	15

★ 规格特性

SPECIFICATIONS

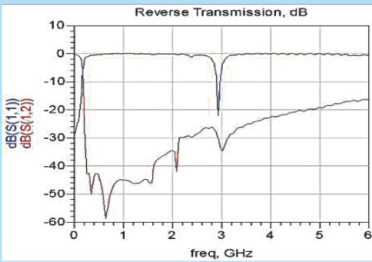
● JLTC-LPF3216 TYPE

型号	截止频率 f_c (MHz) 插入损耗=3dB	插入损耗		电压驻波比		阻带损耗	
		通带频率 (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
JLTC-LPF3216-7600M	$7100 \leq f_c \leq 8100$	1~6700	2.0	1~6700	1.5	9300	20
						9500~11000	25
						18000	15
JLTC-LPF3216-8150M	$7650 \leq f_c \leq 8650$	1~7200	2.0	1~6000	1.5	9500	20
						8850~9600	25
						12300	15

★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

● JLTC-LPF3216-145M



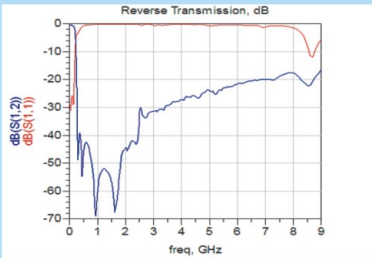
● JLTC-LPF3216-165M



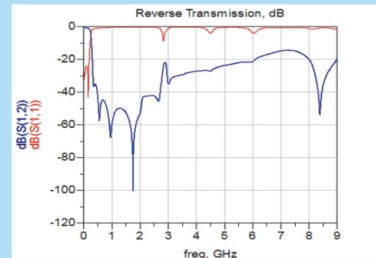
● JLTC-LPF3216-180M



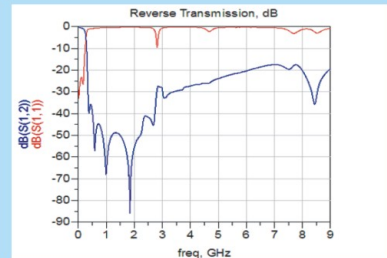
● JLTC-LPF3216-195M



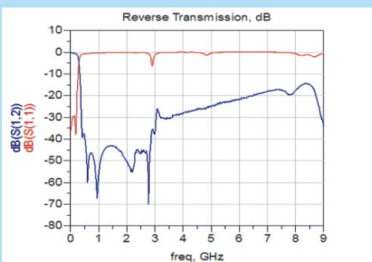
● JLTC-LPF3216-230M



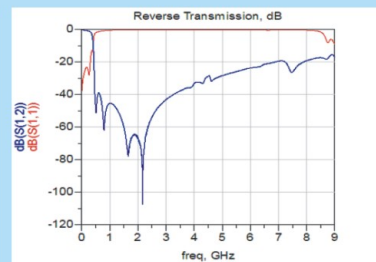
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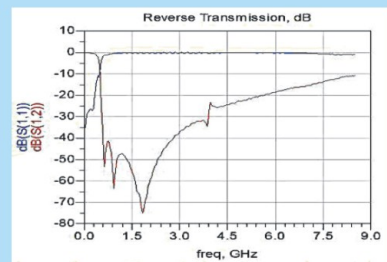
● JLTC-LPF3216-280M



● JLTC-LPF3216-350M



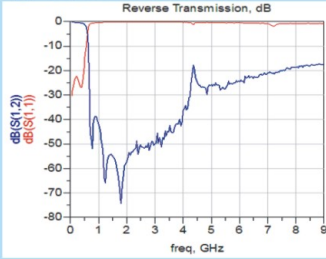
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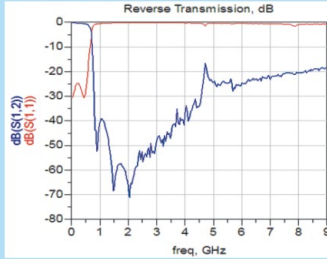
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

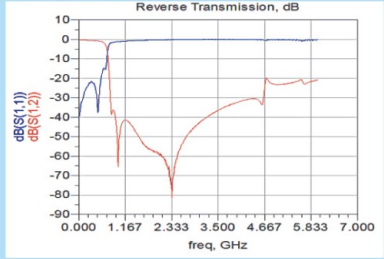
● JLTC-LPF3216-560M



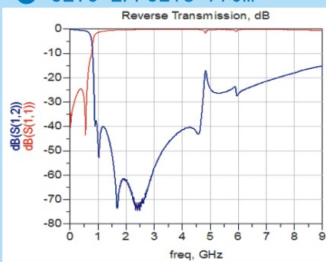
● JLTC-LPF3216-650M



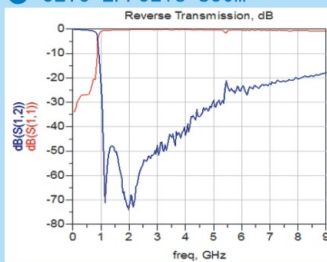
● JLTC-LPF3216-700M



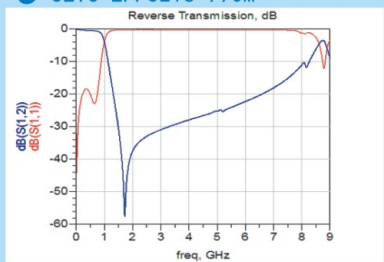
● JLTC-LPF3216-770M



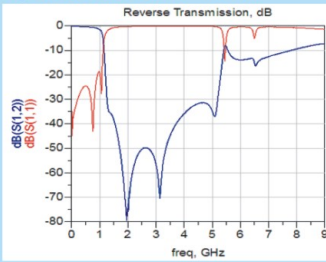
● JLTC-LPF3216-830M



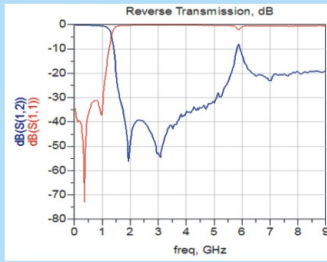
● JLTC-LPF3216-990M



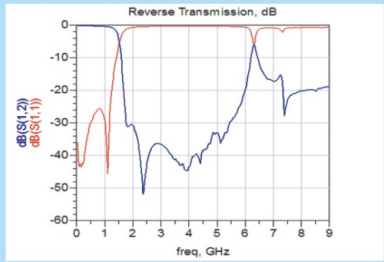
● JLTC-LPF3216-1075M



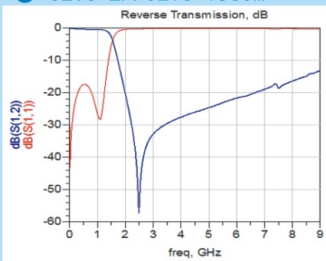
● JLTC-LPF3216-1300M



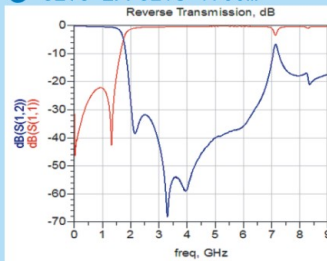
● JLTC-LPF3216-1530M



● JLTC-LPF3216-1560M



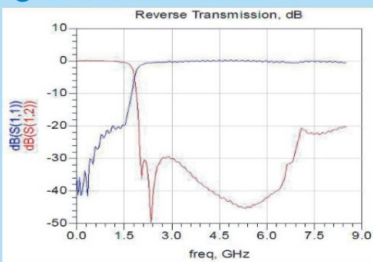
● JLTC-LPF3216-1700M



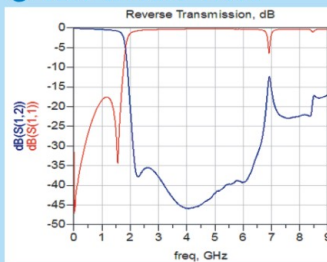
● JLTC-LPF3216-1825M



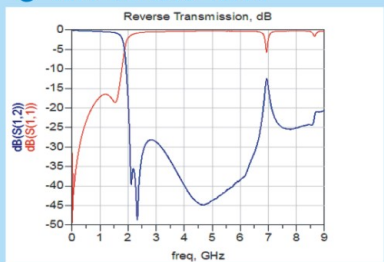
● JLTC-LPF3216-1830M



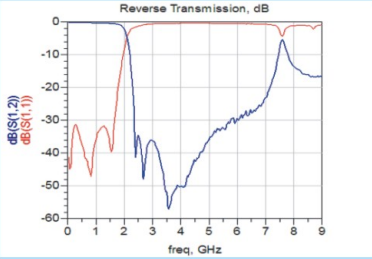
● JLTC-LPF3216-1750M



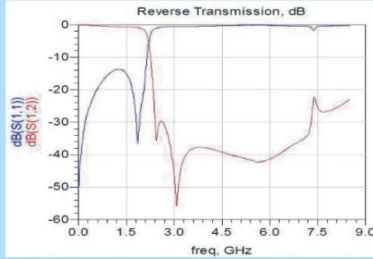
● JLTC-LPF3216-1875M



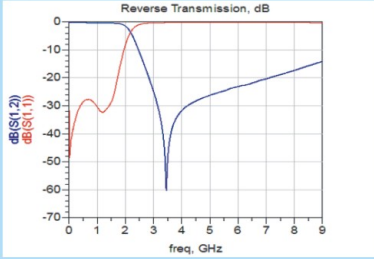
● JLTC-LPF3216-2050M



● JLTC-LPF3216-2125M



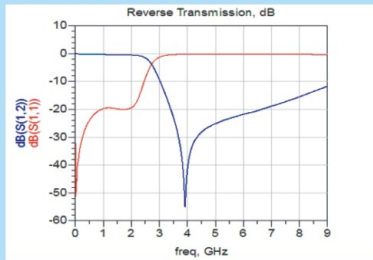
● JLTC-LPF3216-2275M



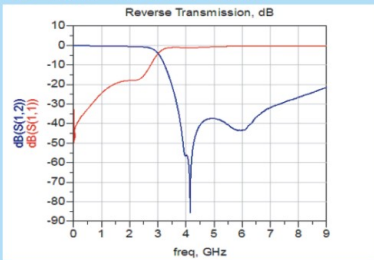
● JLTC-LPF3216-2575M



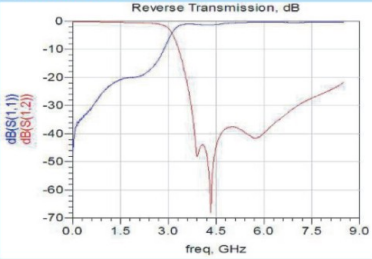
● JLTC-LPF3216-2900M



● JLTC-LPF3216-3075M



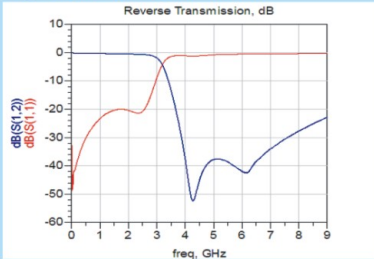
● JLTC-LPF3216-3125M



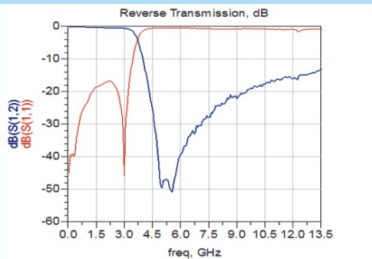
● JLTC-LPF3216-3150M



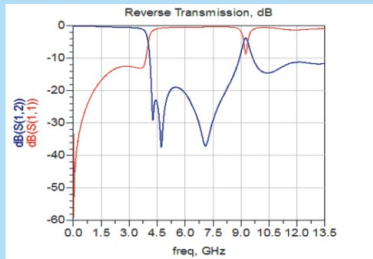
● JLTC-LPF3216-3300M



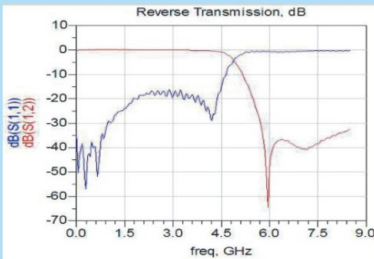
● JLTC-LPF3216-3600M



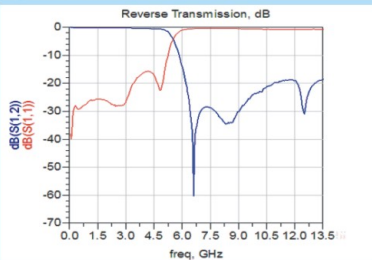
● JLTC-LPF3216-3950M



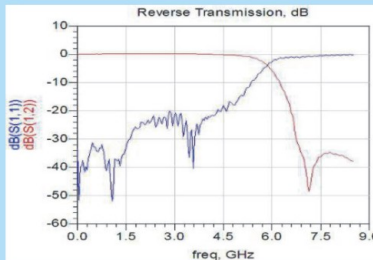
● JLTC-LPF3216-4850M



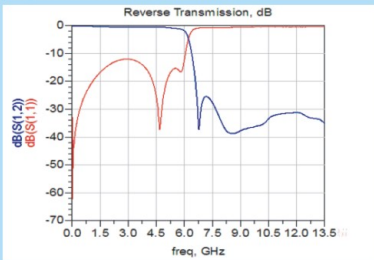
● JLTC-LPF3216-5290M



● JLTC-LPF3216-5580M



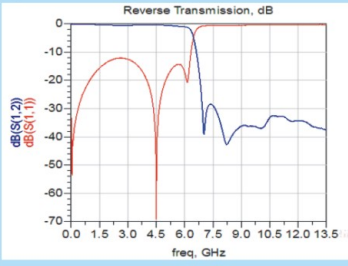
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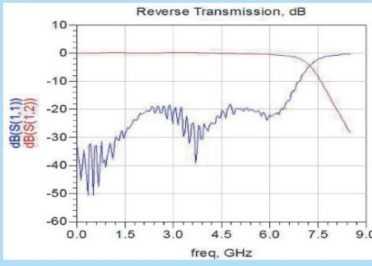
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

● JLTC-LPF3216-6540M



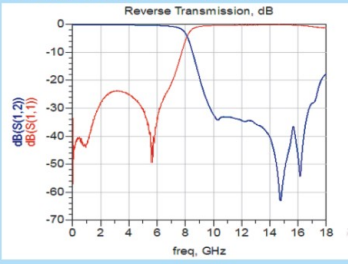
● JLTC-LPF3216-6800M



● JLTC-LPF3216-7200M



● JLTC-LPF3216-7600M



● JLTC-LPF3216-8150M

