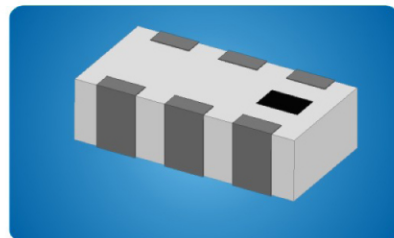


LP3216系列功分器

★ 特征与用途 FEATURES AND APPLICATIONS

- 体积小，表贴结构，无源集成多层LTCC工艺；
- 宽带宽，低插入损耗，幅度不平衡度小，高隔离度；

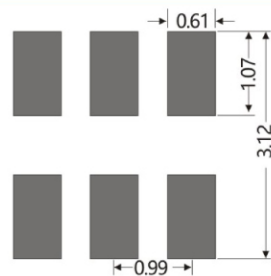
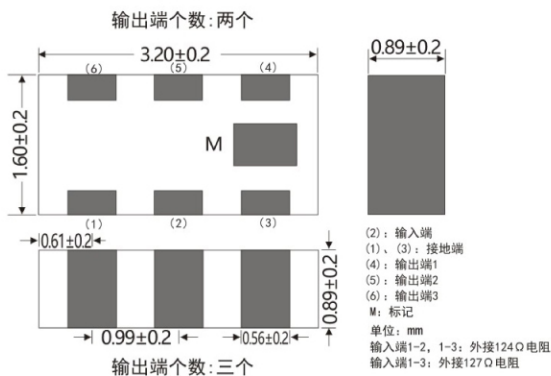
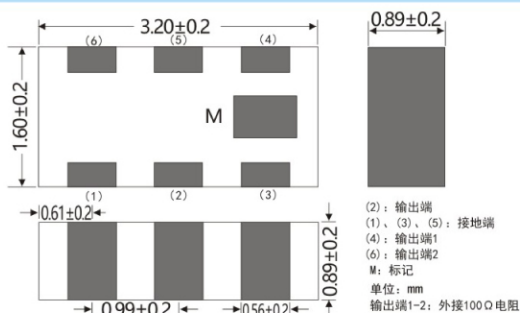


★ 产品型号 PRODUCT IDENTIFICATION

LP 3216 — 2 — 1900 A01

- ① LP: LTCC功分器
- ② 3216: 滤波器外形尺寸 (长*宽)
- ③ 2: 2路
- ④ 1900: 上限频率
- ⑤ 内部代号 (可省略)

★ 外观尺寸 SHAPE AND DIMENSIONS



PCB焊盘图形
建议布局, 公差: $\pm 0.05\text{mm}$

LP3216系列功分器产品外形结构图

★ 规格特性

SPECIFICATIONS

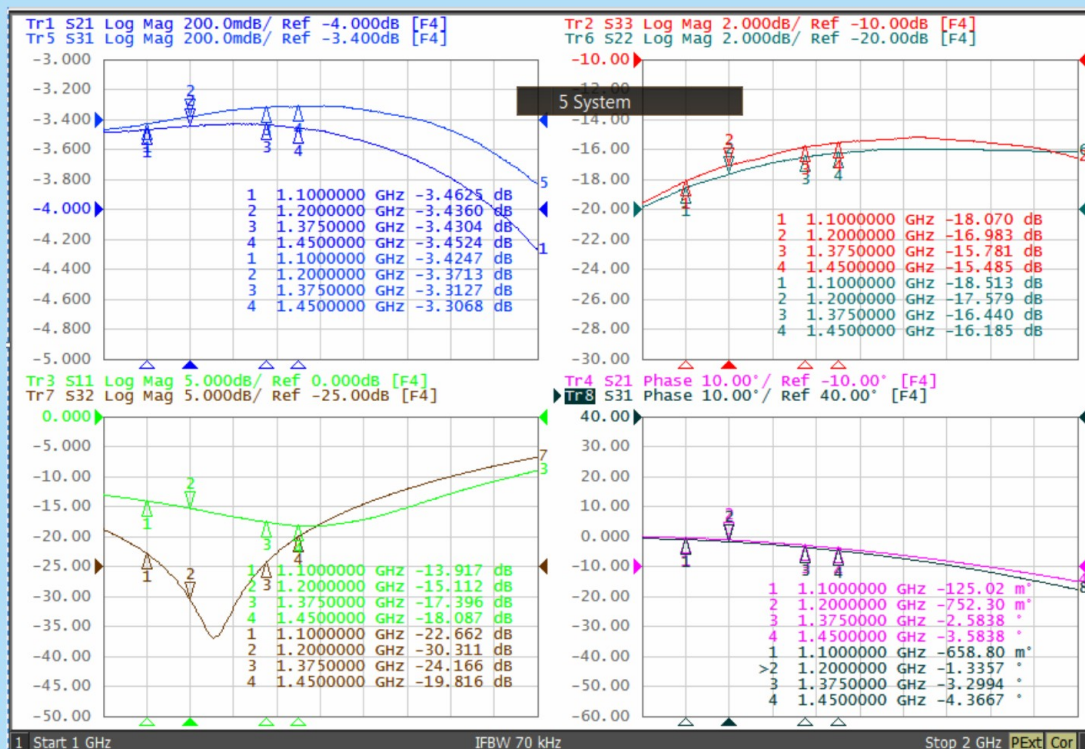
● LP3216 TYPE

型 号	输出端 个数	频 率 (MHz)	插入损耗	隔离度	相位不平衡度	幅度不平衡度	回波损耗 (dB)	
			(dB) Max	(dB) Min	(Deg) Max	(dB) Max	输入端 Min	输出端 Min
LP3216-2-1450 (LP3216-2-1100_1450)*	2	1100-1450	3.8	15	3.0	0.4	13	14
		1200-1375	3.7	18	3.0	0.3	14	15
LP3216-2-1900 (LP3216-2-1425_1900)*	2	1425-1900	3.9	15	4.0	0.4	14	15
		1550-1800	3.9	18	4.0	0.4	16	17
LP3216-2-2700	2	2225-2700	4.1	15	6.0	0.8	13	14
		2325-2600	4.0	18	6.0	0.7	14	15
LP3216-3-1325	3	750-1325	6.3	10	4.0	0.7	8	17
		850-1000	5.8	12	4.0	0.5	9	18
LP3216-3-1600	3	950-1600	6.0	10	5.0	0.5	9	14
		1200-1400	5.6	13	5.0	0.4	13	15
LP3216-3-2800	3	1600-2800	6.0	9	9.0	0.8	8	10
		2000-2500	6.0	11	9.0	0.7	9	11

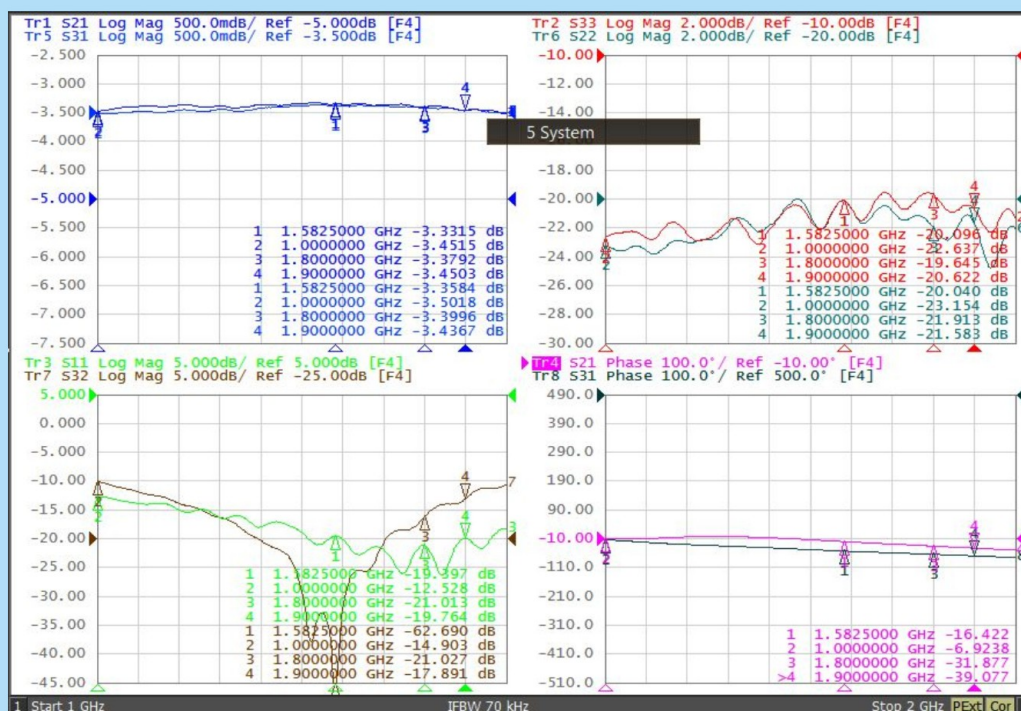
*: 括号内型号为开发早期型号

★ 电气特性

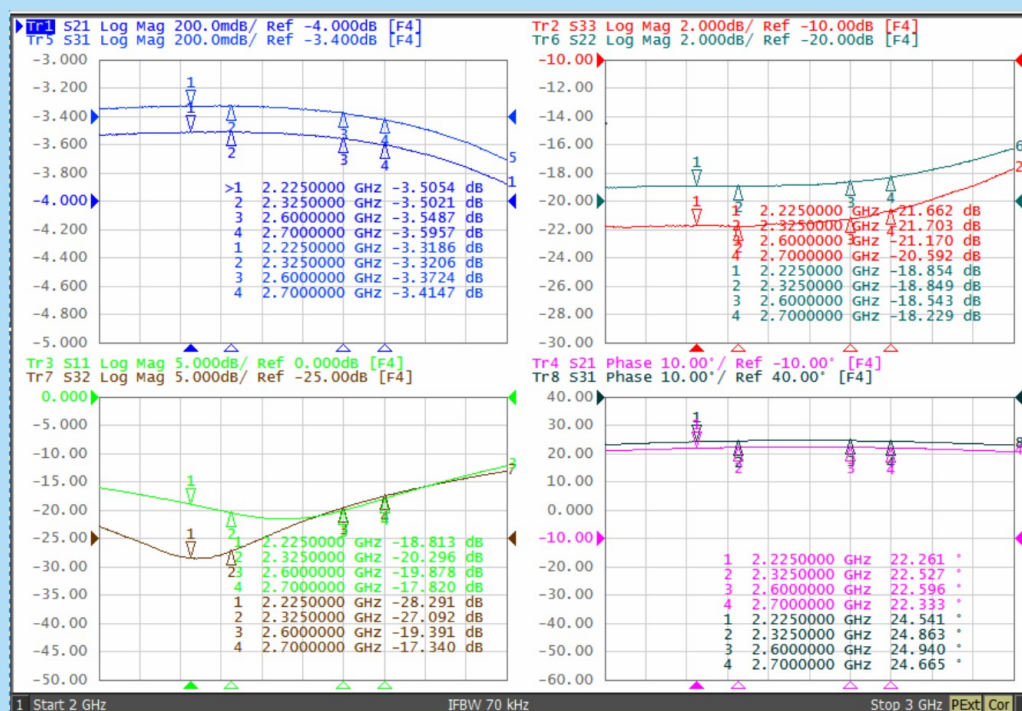
TYPICAL ELECTRICAL CHARACTERISTICS



LP3216-2-1450 (LP3216-2-1100_1450) 电性测试曲线



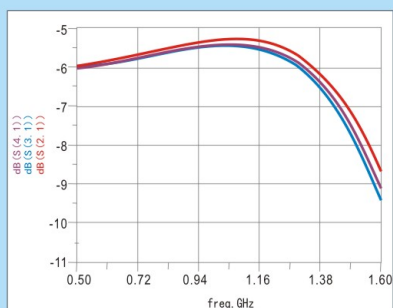
LP3216-2-1900 (LP3216-2-1425_1900) 回波损耗曲线



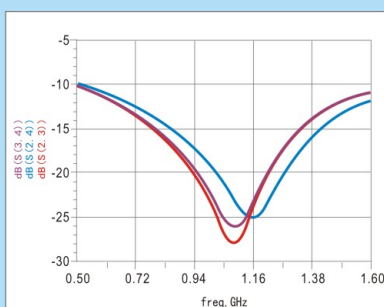
LP3216-2-2700 电性测试曲线

★ 电气特性

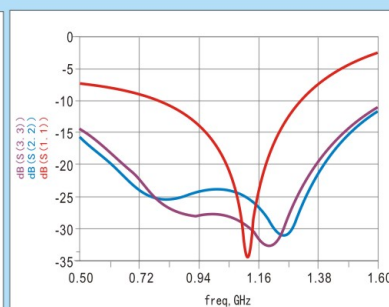
TYPICAL ELECTRICAL CHARACTERISTICS



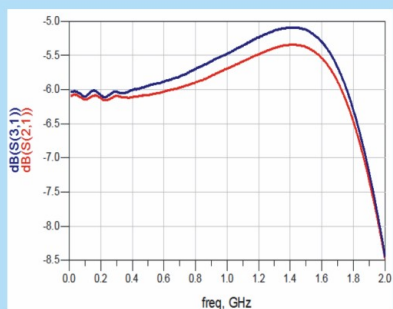
LP3216-3-1325插入损耗曲线



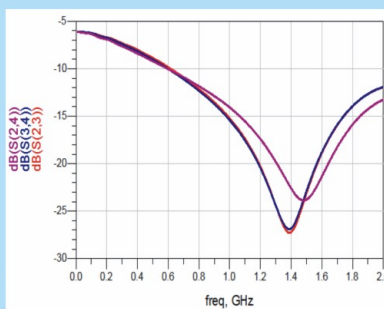
LP3216-3-1325隔离度曲线



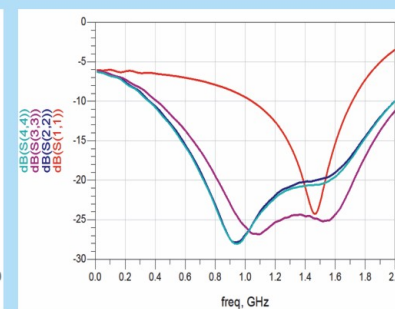
LP3216-3-1325回波损耗曲线



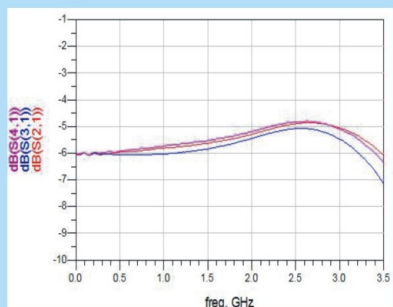
LP3216-3-1600插入损耗曲线



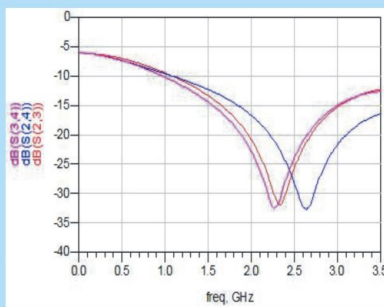
LP3216-3-1600隔离度曲线



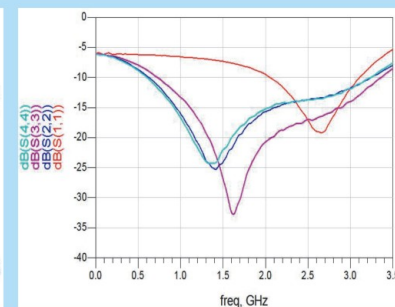
LP3216-3-1600回波损耗曲线



LP3216-3-2800插入损耗曲线



LP3216-3-2800隔离度曲线



LP3216-3-2800回波损耗曲线