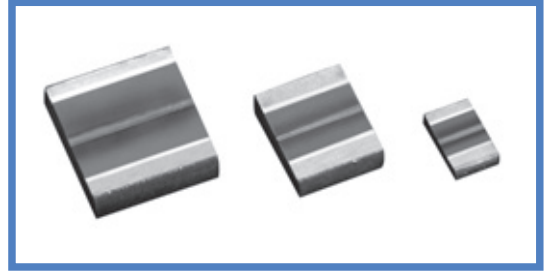


ST 系列

SERIES

◆ 特 长 / FEATURES

- 贴片型产品。
Surface-mounted device.
- 可以进行无铅回流焊接。
Lead free reflow soldering is available.
- RoHS指令对应品。
RoHS compliance.



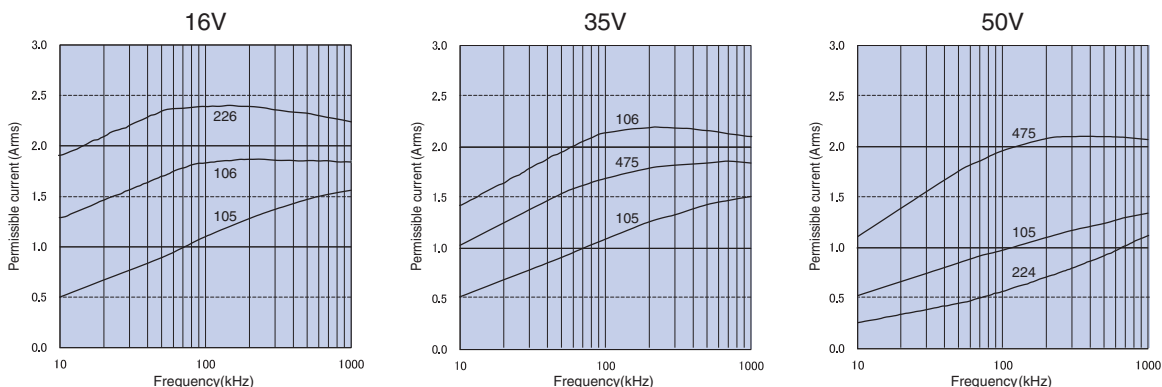
◆ 规格表 / SPECIFICATIONS

项 目	Items	特 性	Characteristics
工作温度范围	Category Temperature Range		- 55 ~ + 125 °C
额定电压范围	Rated Voltage Range		16 ~ 63V.DC
静电容量范围	Rated Capacitance Range		0.1 ~ 22μF (104 ~ 226) E6系列 0.1 ~ 22μF(104 ~ 226) E6 series
静电容量允许差	Capacitance Tolerance		± 20% (M)
损失角正切值(tan δ)	Dissipation Factor		1.5%以下 (1kHz ± 20%, 5Vrms以下) 1.5% or less(1kHz ± 20%, 5Vrms or less)
耐 久 性	Voltage Proof		施加150%的额定电压一分钟或175%的额定电压1~5秒钟后, 无异常情况。 Nothing abnormal shall be found, when applying 150% of the rated voltage for 1minute or 175% of the rated voltage for 1 second to 5 seconds.
绝 缘 电 阻	Insulation Resistance		300MΩ · μF以上 (施加额定电压1分钟后) 300MΩ·μF or more (After 1 minute application of rated voltage)

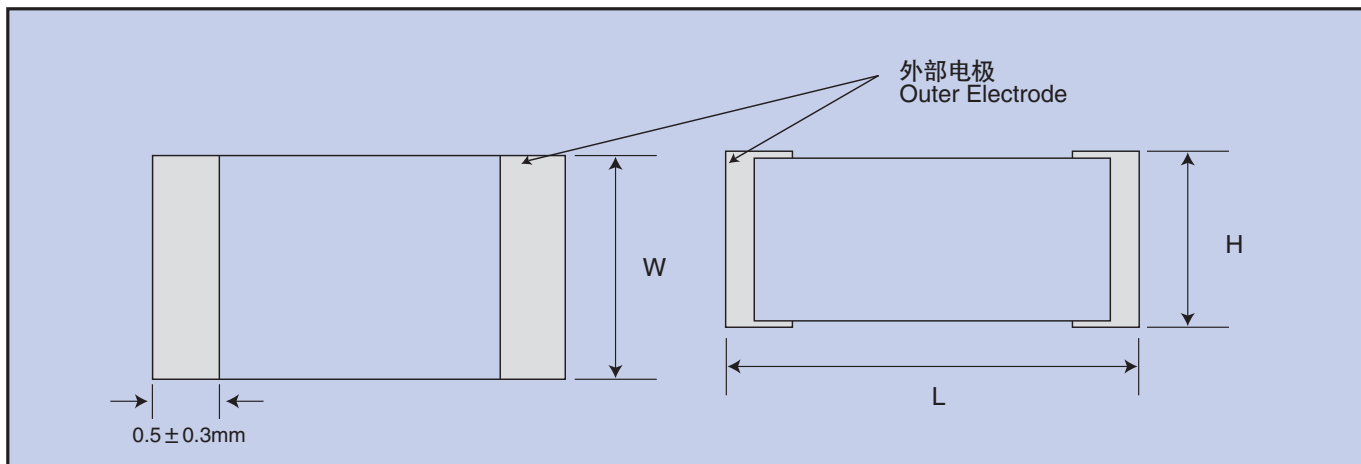
◆ 产品型号体系 / PART NUMBER

□□□	ST	□□□	□	□□□	□□	□□□□																																						
额定电压 Rated Voltage	系列名称 Series	静电容量 Rated Capacitance	静电容量允许差 Capacitance Tolerance	副记号 Option	编带记号 TP code	外形尺寸 Chip Size																																						
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◆ 对应频率的允许电流 / PERMISSIBLE CURRENT FOR FREQUENCY



◆尺寸图 / DIMENSIONS



◆标准品一览表 / STANDARD SIZE (L ± 0.3 × W ± 0.3 × H ± 0.2)

额定电压 Rated Voltage (V.DC)	额定静电容量 Rated Capacitance (μF)	外形尺寸 Size			编号 Part No.
		L (mm)	W (mm)	H (mm)	
16	1.0	3.2	1.6	1.4	16ST105MA23216
	1.5	3.2	1.6	1.4	16ST155MA23216
	2.2	3.2	2.5	1.8	16ST225MB23225
	3.3	3.2	2.5	2.0	16ST335MB33225
	4.7	4.5	3.2	1.4	16ST475MC14532
	6.8	4.5	3.2	1.8	16ST685MC24532
	10	4.5	3.2	2.6	16ST106MC44532
	15	5.7	5.0	1.8	16ST156MD15750
	22	5.7	5.0	2.6	16ST226MD35750
25	0.68	3.2	1.6	1.4	25ST684MA23216
	1.0	3.2	1.6	1.4	25ST105MA23216
	1.5	3.2	2.5	2.0	25ST155MB33225
	2.2	3.2	2.5	1.8	25ST225MB23225
	3.3	4.5	3.2	1.4	25ST335MC14532
	4.7	4.5	3.2	1.8	25ST475MC24532
	6.8	4.5	3.2	2.6	25ST685MC44532
	10	5.7	5.0	1.8	25ST106MD15750
	15	5.7	5.0	2.6	25ST156MD35750
35	0.47	3.2	1.6	1.0	35ST474MA13216
	0.68	3.2	1.6	1.4	35ST684MA23216
	1.0	3.2	2.5	1.4	35ST105MB13225
	1.5	3.2	2.5	2.0	35ST155MB33225
	2.2	4.5	3.2	1.4	35ST225MC14532
	3.3	4.5	3.2	1.8	35ST335MC24532
	4.7	4.5	3.2	2.6	35ST475MC44532
	6.8	5.7	5.0	1.8	35ST685MD15750
	10	5.7	5.0	2.6	35ST106MD35750

额定电压 Rated Voltage (V.DC)	额定静电容量 Rated Capacitance (μF)	外形尺寸 Size			编号 Part No.
		L (mm)	W (mm)	H (mm)	
50	0.10	3.2	1.6	1.0	50ST104MA13216
	0.22	3.2	1.6	1.0	50ST224MA13216
	0.33	3.2	1.6	1.4	50ST334MA23216
	0.47	3.2	2.5	1.4	50ST474MB13225
	0.68	3.2	2.5	1.8	50ST684MB33225
	1.0	4.5	3.2	1.4	50ST105MC14532
	1.5	4.5	3.2	1.8	50ST155MC24532
	2.2	4.5	3.2	2.6	50ST225MC44532
	3.3	5.7	5.0	1.8	50ST335MD15750
	4.7	5.7	5.0	2.6	50ST475MD35750
63	0.22	3.2	1.6	1.4	63ST224MA23216
	0.33	3.2	2.5	1.4	63ST334MB13225
	0.47	3.2	2.5	1.8	63ST474MB23225
	0.68	4.5	3.2	1.4	63ST684MC14532
	1.0	4.5	3.2	1.8	63ST105MC24532
	1.5	4.5	3.2	2.6	63ST155MC44532
	2.2	5.7	5.0	1.8	63ST225MD15750
	3.3	5.7	5.0	2.6	63ST335MD35750

尺寸对比表面 / Size Code Conversion

mm	inch
3216	1206
3225	1210
4532	1812
5750	2220