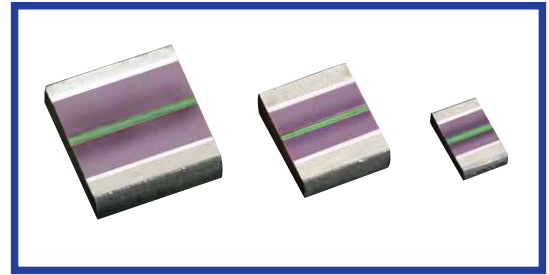


ST SERIES

◆ **FEATURES**

- Surface-mounted device.
- Lead free reflow soldering is available.
- RoHS compliance.



◆ **SPECIFICATIONS**

Items	Characteristics
Category Temperature Range	-55~+125°C
Rated Voltage Range	16~63V.DC
Rated Capacitance Range	0.1~22μF(104~226) E6 series
Capacitance Tolerance	±20%(M)
(tanδ) Dissipation Factor	x1.5% or less(1kHz±20%, 5Vrms or less)
Voltage Proof	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.
Insulation Resistance	300MΩ·μF or more (After 1 minute application of rated voltage)

◆ **PART NUMBER**

□□□
ST
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Rated Voltage Series Rated Capacitance Capacitance Tolerance Option TP code Chip Size

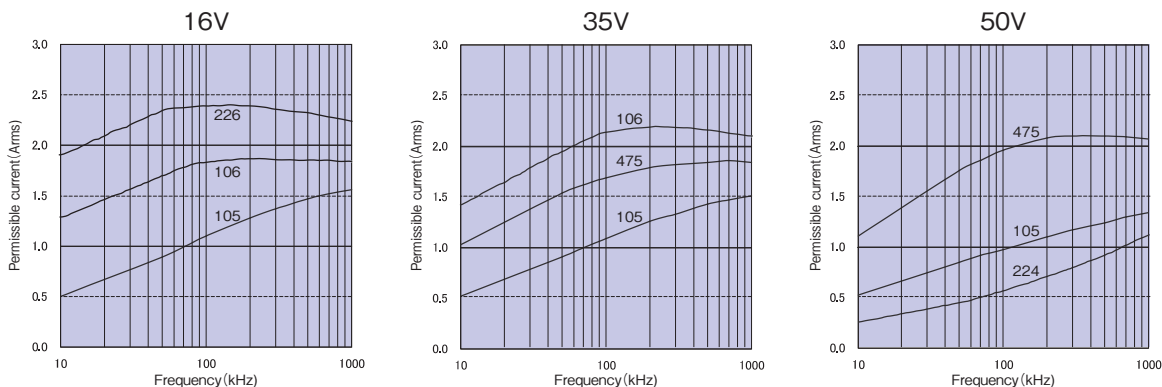
Code	Rated Voltage
16	16V.DC
25	25V.DC
35	35V.DC
50	50V.DC
63	63V.DC

Code	Capacitance
224	0.22μF
684	0.68μF
335	3.3μF
106	10μF
226	22μF

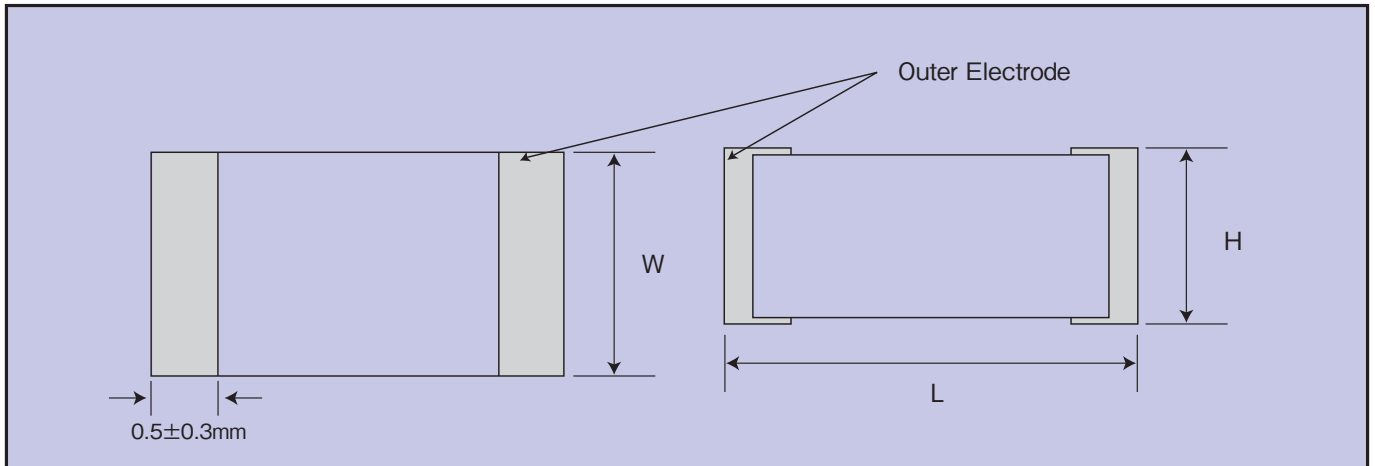
Code	Tolerance
M	±20%

Code	Chip Size
3216	3.2×1.6mm
3225	3.2×2.5mm
4532	4.5×3.2mm
5750	5.7×5.0mm

◆ **PERMISSIBLE CURRENT FOR FREQUENCY**



◆ DIMENSIONS



◆ STANDARD SIZE (L±0.3×W±0.3×H±0.2)

Rated Voltage (V.DC)	Rated Capacitance (μF)	Size			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

Rated Voltage (V.DC)	Rated Capacitance (μF)	Size			x 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	50ST684MB23225
	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

Size Code Conversion

mm	inch
3216	1206
3225	1210
4532	1812
5750	2220