

ST series



Features

- ★ 125°C高温品
- ★ 125°C 2000~5000Hrs

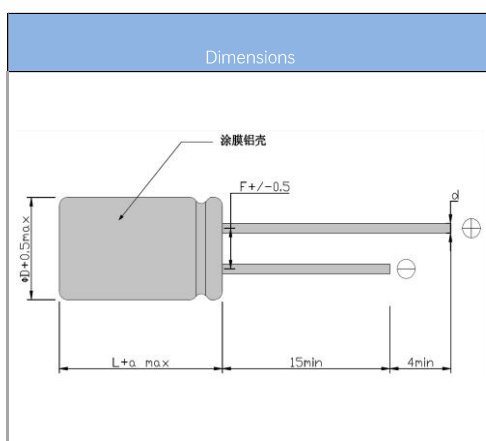


Specifications

Item	Performance Characteristics	
Operating Temperature Range	-55~+125°C	
Rated Voltage Range	2.5~100vdc	
Capacitance Tolerance	±20%(120Hz,+20°C)	
Leakage Current(+20°C,max)	≤0.2CV or 500uA whichever is greater (After rated voltage applied for 2 minutes)	
Dissipation Factor(tanδ,at 20°C,120Hz)	Not exceed the value specified	
ESR(100KHz)	Not exceed the value specified	
Endurance 125°C,2000~5000h,at rated voltage	Capacitance Change	Within ±20% of the value before test
	Leakage Current	Not exceed the value specified
	ESR	Not exceed 150% of the value specified
	Dissipation Factor	Not exceed 150% of the value specified
Moisture Resistance Stored at 60°C,RH90~95%,1000h	Capacitance Change	Within ±20% of the value before test
	Leakage Current	Not exceed the value specified
	ESR	Not exceed 150% of the value specified
	Dissipation Factor	Not exceed 150% of the value specified

Frequency Coefficient for Ripple Current

Frequency	120Hz≤freq. < 1KHz	1KHz≤freq. < 10KHz	10KHz≤freq. < 100KHz	100KHz≤freq. < 300KHz
Coefficient	0.05	0.3	0.7	1



Size

Unit: mm

ΦDXL	ΦD+0.5 max.	φ	F±0.5	Φd±0.05	
5X5-18	5	1	2	0.5	
5.5X5-18	5.5	1	2.5	0.5	
6.3X5-9	6.3	1	2.5	0.5/0.6	
6.3X11-20	6.3	1	2.5	0.6	
8X7P-15P	8	1	2.5	0.6	
8X7-20	8	1	3.5	0.6	
10X10-20	10	1	5	0.6	

料号	规格	系列	WV	CAP	LC	DF	ESR	SIZE	纹波
ST827M6R3E1100	ST6.3V820 6.3X11	ST	6.3	820	1000	8	12	6.3X11	1400
ST108M6R3E1200	ST6.3V1000 6.3X12	ST	6.3	1000	1000	8	12	6.3X12	1400
ST128M6R3E1200	ST6.3V1200 6.3X12	ST	6.3	1200	1000	8	12	6.3X12	1400
ST158M6R3E1400	ST6.3V1500 6.3X14	ST	6.3	1500	1000	8	10	6.3X14	1400
ST228M6R3F1500	ST6.3V2200 8X15	ST	6.3	2200	1000	8	10	8X15	2000
ST227M016C0900	ST16V220 5X9	ST	16	220	704	8	22	5X9	1100
ST227M016E0800	ST16V220 6.3X8	ST	16	220	704	8	20	6.3X8	1100
ST277M016C11E0	ST16V270 5.5X11	ST	16	270	864	8	16	5.5X11	1100
ST477M016E1150	ST16V470 6.3X11.5	ST	16	470	1000	8	16	6.3X11.5	1400
ST477M016F1150	ST16V470 8X11.5	ST	16	470	1000	8	16	8X11.5	1600
ST687M016C16E0	ST16V680 5.5X16	ST	16	680	1000	8	14	5.5X16	1100
ST687M016E1400	ST16V680 6.3X14	ST	16	680	1000	8	14	6.3X14	1400
ST108M016G1250	ST16V1000 10X12.5	ST	16	1000	1000	8	14	10X12.5	2000
ST158M016G1500	ST16V1500 10X15	ST	16	1500	1000	8	14	10X15	2000
ST228M016G1500	ST16V2200 10X15	ST	16	2200	1000	8	14	10X15	2000
ST227M025C11E0	ST25V220 5.5X11	ST	25	220	1000	8	16	5.5X11	1100
ST277M025E1200	ST25V270 6.3X12	ST	25	270	1000	8	16	6.3X12	1400
ST277M025E0900	ST25V270 6.3X9	ST	25	270	1000	8	25	6.3X9	1100
ST337M025C14E0	ST25V330 5.5X14	ST	25	330	1000	8	16	5.5X14	1100
ST337M025F0800	ST25V330 8X8	ST	25	330	1000	8	16	8X8	1400
ST477M025C16E0	ST25V470 5.5X16	ST	25	470	1000	8	16	5.5X16	1100
ST477M025E1200	ST25V470 6.3X12	ST	25	470	1000	8	16	6.3X12	1400
ST477M025E1400	ST25V470 6.3X14	ST	25	470	1000	8	16	6.3X14	1400
ST477M025F1150	ST25V470 8X11.5	ST	25	470	1000	8	16	8X11.5	1600
ST567M025E1400	ST25V560 6.3X14	ST	25	560	1000	8	16	6.3X14	1400
ST567M025E1600	ST25V560 6.3X16	ST	25	560	1000	8	16	6.3X16	1400
ST567M025F1150	ST25V560 8X11.5	ST	25	560	1000	8	16	8X11.5	1600
ST687M025E1600	ST25V680 6.3X16	ST	25	680	1000	8	16	6.3X16	1400
ST687M025F1500	ST25V680 8X15	ST	25	680	1000	8	16	8X15	2000
ST827M025F1500	ST25V820 8X15	ST	25	820	1000	8	16	8X15	2000
ST108M025G1500	ST25V1000 10X15	ST	25	1000	1000	8	16	10X15	2000
ST158M025G1700	ST25V1500 10X17	ST	25	1500	1000	8	16	10X17	2000
ST826M035E0800	ST35V82 6.3X8	ST	35	82	574	8	28	6.3X8	1100
ST107M035E0900	ST35V100 6.3X9	ST	35	100	700	8	20	6.3X9	1100
ST227M035E1200	ST35V220 6.3X12	ST	35	220	1000	8	16	6.3X12	1400
ST337M035F1250	ST35V330 8X12.5	ST	35	330	1000	8	16	8X12.5	1600
ST108M035G1700	ST35V1000 10X17	ST	35	1000	1000	8	16	10X17	2000