

ALUMINUM ELECTROLYTIC CAPACITORS

CHIP TYPE SERIES

FEATURES

- Designed for surface mounting on high density circuit board.
- Emboss carrier tape packing system is available for automatic insertion.

TS13C

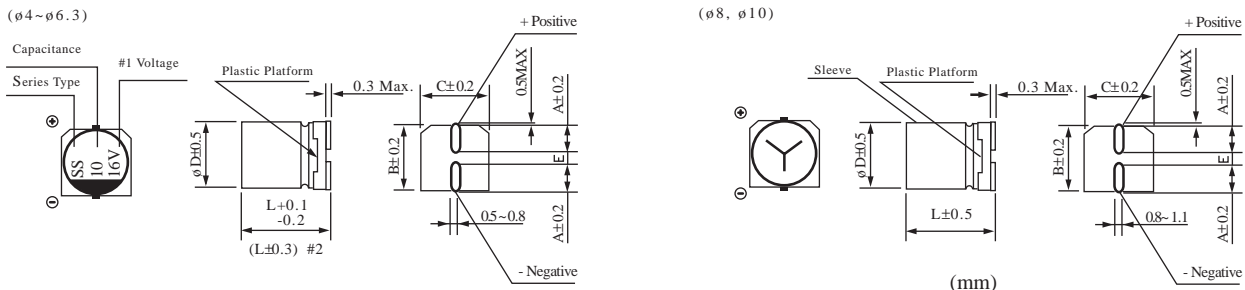
SS Standard Series



◆ Specifications

ITEMS	PERFORMANCE CHARACTERISTICS																														
Operating Temperature Range	-40~85°C																														
Voltage Range	4~100V																														
Capacitance Range	0.1~1500μF																														
Capacitance Tolerance	±20% at 120Hz, 20°C																														
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3μA, whichever is greater.																														
Tan δ	Measurement frequency : 120Hz, Temperature : 20°C																														
	<table border="1"> <tr> <td>Rated voltage (V)</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <td>Tan δ (MAX)</td> <td>0.35</td> <td>0.26</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.12</td> <td>0.10</td> <td>0.08</td> </tr> </table>	Rated voltage (V)	4	6.3	10	16	25	35	50	63	100	Tan δ (MAX)	0.35	0.26	0.20	0.16	0.14	0.12	0.12	0.10	0.08										
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Stability at Low Temperature	Measurement frequency : 120Hz																														
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ZT / Z20 (MAX)	Z-40°C / Z+20°C	15	8	6	4	4	3	3	3																						
Load Life	After 2000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right																														
Self Life	After leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for load life characteristics listed above.																														
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Resistance to Soldering Heat	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds. After removing from the hot plate and restored at room temperature, they meet the characteristics requirements listed at right.																														
Applicable Standards	JIS C-5141 and JIS C-5102.																														
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◆ Chip type



#1 Voltage mark for 6.3V is [6V]
#2 Applicable to 6.3 x 7.7

ØDxL	4x5.4	5x5.4	6.3x5.4	6.3x7.7	8x10.5	10x10.5
A	1.8	2.1	2.4	2.4	2.9	3.2
B	4.3	5.3	6.6	6.6	8.3	10.3
C	4.3	5.3	6.6	6.6	8.3	10.3
E	1.0	1.3	2.2	2.2	3.1	4.5
L	5.4	5.4	5.4	7.7	10.5	10.5