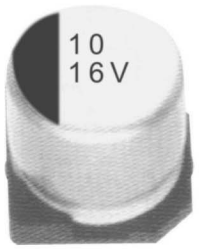
ZSS Series 表面粘著型85℃ 4.5mm height 超低型高度4.5mm品

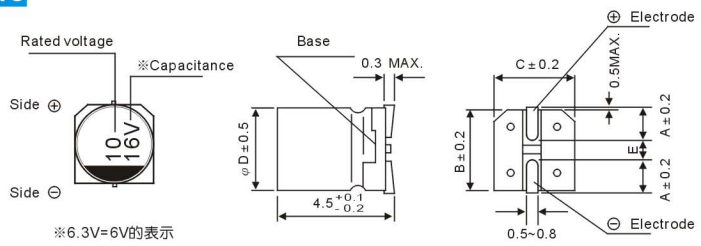


- 85℃ stand, case diameter 4~6.3mm
- Reflex soldering is available
- Available for high density mounting

SPECIFICATIONS

No	Item	Performance Characteristics
1	使用溫度範圍 Operating Temperature Range	-40 to +85℃
2	定格電壓範圍 Rated voltage Range	4 to 50VDC
3	靜電容量許差 Capacitance Tolerance	±20% at 120Hz, 20℃
4	靜電容量範圍 Capacitance Range	0.1μF to 220μF
5	漏電電流 Leakage Current(+20℃,max.)	I ≤0.01 CV or 3(μA) After 2minutes, whichever is greater measured With rated working voltage applied
6	損失角 Dissipation Factor(tanδ)	Working Voltage (VDC): 4 / 6.3 / 10 / 16 / 25 / 35 / 50 D.F.(%) Φ4~6.3: 0.5 / 0.3 / 0.24 / 0.19 / 0.16 / 0.14 / 0.14 (+20℃, at 120Hz)
7	溫度特性 Low Temperature Characteristics (120Hz)	Rated voltage (VDC): 4 / 6.3 / 10 / 16 / 25 / 35 / 50 Z-25℃ /Z+20℃: 7 / 4 / 3 / 2 / 2 / 2 / 2 Z-40℃ /Z+20℃: 15 / 8 / 8 / 4 / 4 / 3 / 3 Impedance ratio max.
8	高溫負荷特性 Load Life	After 2000 hours, application of rated voltage at 85℃, capacitiors meet the characteristics requirements listed as belows.
9	高溫無負荷特性 Shelf Life	Test conditions Duration time :1000Hrs Ambient temperature :+85℃ Applied voltage:None After test requirements at +20℃: Same limits as Load life .Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.

外型圖 OUTLINE DRAWING



(單位:mm)

φD	4	5	6.3
A	1.8	2.1	2.4
B	4.3	5.3	6.6
C	4.3	5.3	6.6
E	1.0	1.3	2.2

尺寸 DIMENSIONS

(μF) 額定靜電容量 \ V	品號編碼	4		6.3		10		16		25		35		50	
		0G		0J		1A		1C		1E		1V		1H	
0.1	0R1													4	1.0
0.22	R22													4	2.0
0.33	R33													4	2.8
0.47	R47													4	4.0
1	010													4	8.4
2.2	2R2													4	13
3.3	3R3													4	17
4.7	4R7									4	16	4	18	5	20
10	100							4	23	5	27	5	29	6.3	33
22	220			4	28	5	33	5	37	6.3	42	6.3	46		
33	330	4	28	5	37	5	41	6.3	49	6.3	52				
47	470	4	33	5	45	6.3	52	6.3	58						
100	101	5	56	6.3	70									鋁殼 φD (mm)	MArms
220	221	6.3	96												

85℃ 120Hz 時的額定紋波電流 (mArms)

Multiplier for Ripple Current

Frequency

Frequency(Hz)		60(50)	120	500	1K	10K≤
Multiplier	0.1~220μF	0.8	1.0	1.20	1.30	1.50

Temperature

Temperature℃	85	70	50K≤
Multiplier	1.0	1.6	2.0