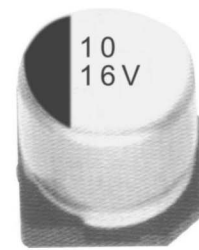


ZRS Series 表面粘著型85°C 3.95mm height 超低型高度3.95mm品

- 105°C stand, case diameter 4~6.3mm
- Reflex soldering is available
- Available for high density mounting

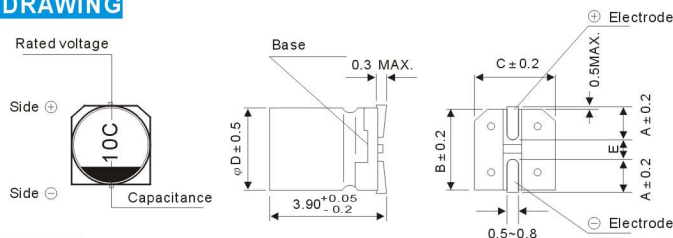


SPECIFICATIONS

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	0.1 μ F to 220 μ F																																				
5	漏電電流 Leakage Current(+20℃,max.)	I ≤0.01 CV or 3(μ A) After 2minutes, whichever is greater measured With rated working voltage applied																																				
6	損失角 Dissipation Factor(tan δ)	<table><tr><td colspan="2">Working Voltage (VDC)</td><td>4</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td colspan="2">D.F.(%)</td><td>0.5</td><td>0.30</td><td>0.24</td><td>0.19</td><td>0.16</td><td>0.14</td><td>0.14</td></tr></table>								Working Voltage (VDC)		4	6.3	10	16	25	35	50	D.F.(%)		0.5	0.30	0.24	0.19	0.16	0.14	0.14	(+20℃, at 120Hz)										
Working Voltage (VDC)		4	6.3	10	16	25	35	50																														
D.F.(%)		0.5	0.30	0.24	0.19	0.16	0.14	0.14																														
7	溫度特性 Low Temperature Characteristics (120Hz)	<table><tr><td colspan="2">Rated voltage (VDC)</td><td>4</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td colspan="2">Z-25℃ /Z+20℃</td><td>7</td><td>4</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr><tr><td colspan="2">Z-40℃ /Z+20℃</td><td>15</td><td>8</td><td>8</td><td>4</td><td>4</td><td>3</td><td>3</td></tr></table>								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.	
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																														
8	高溫負荷特性 Load Life	After 1000 hours, application of rated voltage at 85℃, capacitors 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.																																				

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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

額定電壓

V	4	6.3	10	16	25	35	50
Code	9	j	A	C	E	V	H

尺寸 DIMENSIONS

(μF)	V	4	6.3	10	16	25	35	50
額定靜電容量	品號編碼	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	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			
220	221	6.3	96					

85°C 120Hz 時的額定紋波電流 (mArms)

Multiplier for Ripple Current

Frequency

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

Temperature

Temperature°C	85	70	50K≤
Multiplier	1.0	1.6	2.0