

Chip Type 105°C Capacitors(height:5.5mm)

- Compatible with surface mounting for 5.5mm high capacitors.
- Supplied with carrier taping.
- Guarantees 1000 hours at 105°C.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

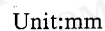
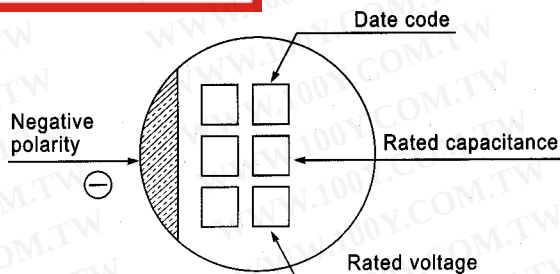


Marking color : Black print

SPECIFICATIONS

Items	Performance																														
Operating Temperature Range	-55℃ ~ +105℃																														
Capacitance Tolerance	±20% (at 120Hz, 20℃)																														
Leakage Current (at 20℃)	I≤0.01CV or 3 (μ A) whichever is greater (after 2 minutes) C=rated capacitance in μ F, V=rated DC working voltage in V. I=Leakage Current in μ A																														
Dissipation Factor (Tan δ at 120Hz, 20℃)	<table><tr><td>Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td>Tan δ (max)</td><td>0.30</td><td>0.26</td><td>0.22</td><td>0.16</td><td>0.13</td><td>0.12</td></tr></table>							Rated Voltage	6.3	10	16	25	35	50	Tan δ (max)	0.30	0.26	0.22	0.16	0.13	0.12										
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Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below. <table><tr><td colspan="2">Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td>Impedance</td><td>Z-25℃/Z+20℃</td><td>4</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Ratio (max)</td><td>Z-40℃/Z+20℃</td><td>8</td><td>5</td><td>4</td><td>3</td><td>3</td><td>3</td></tr></table>							Rated Voltage		6.3	10	16	25	35	50	Impedance	Z-25℃/Z+20℃	4	3	2	2	2	2	Ratio (max)	Z-40℃/Z+20℃	8	5	4	3	3	3
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Load Life Test	Test Time : 1000Hrs Capacitance Change : Within±20% of initial value Dissipation Factor : Less than 200% of specified value Leakage Current : Within specified value * The above specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied for 1000 hrs at 105℃.																														
Shelf Life Test	Test Time : 1000Hrs Capacitance Change : Within±20% of initial value Dissipation Factor : Less than 200% of specified value Leakage Current : Within specified value * The above specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1000 hrs at 105℃ without voltage applied.																														
Ripple Current & Frequency Multipliers	<table><tr><td>V.DC(V) \ Freq.(Hz)</td><td>50</td><td>120</td><td>1K</td><td>10K ~ 100K</td></tr><tr><td>6.3 ~ 16</td><td>0.8</td><td>1.0</td><td>1.15</td><td>1.25</td></tr><tr><td>25 ~ 35</td><td>0.8</td><td>1.0</td><td>1.25</td><td>1.40</td></tr><tr><td>50</td><td>0.8</td><td>1.0</td><td>1.35</td><td>1.50</td></tr></table>							V.DC(V) \ Freq.(Hz)	50	120	1K	10K ~ 100K	6.3 ~ 16	0.8	1.0	1.15	1.25	25 ~ 35	0.8	1.0	1.25	1.40	50	0.8	1.0	1.35	1.50				
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Standards	JIS C5101-1, -18 1998																														

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ØD	L	A	B	C	W	P
4	5.3±0.2	4.3	4.3	2.0	0.5 to 0.8	1.0
5.3	5.3±0.2	5.3	5.3	2.3	0.5 to 0.8	1.5
6.3	5.3±0.2	6.6	6.6	2.7	0.5 to 0.8	2.0

Dimension: $\varnothing D \times L(\text{mm})$
Ripple Current: mA/rms at 120Hz, 105°C

[illegible]