

ALUMINUM ELECTROLYTIC CAPACITORS

查询U7M/A10/MED供应商

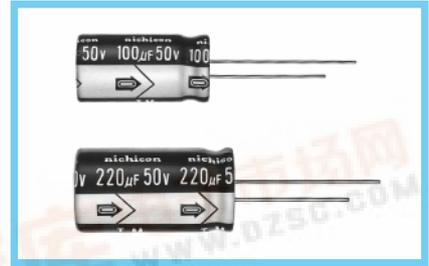
捷多邦, 专业PCB打样工厂, 24小时加急出货



TM series
Timer Circuit Use



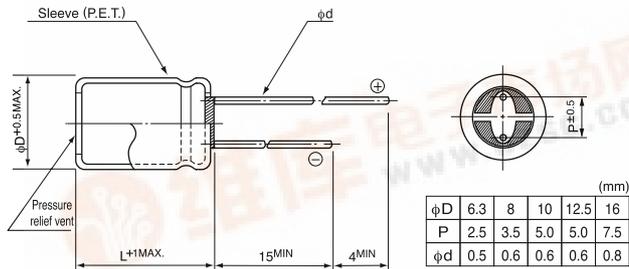
- Ideally suited for timer circuits.
- Excellent leakage current stability, even subjected to load or no load at high temperature for a long time.
- Adapted to the RoHS directive (2002/95/EC).



Specifications

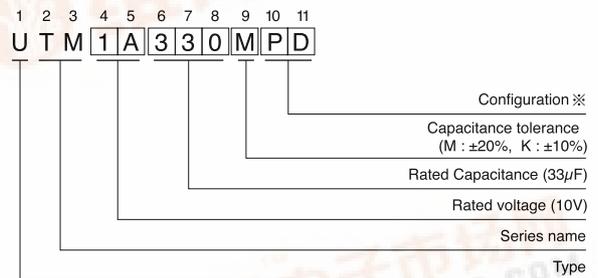
Item	Performance Characteristics															
Category Temperature Range	-40 ~ +85°C															
Rated Voltage Range	10 ~ 50V															
Rated Capacitance Range	1 ~ 470µF															
Capacitance Tolerance	±20% (M) (±10% (K) semi-standard) at 120Hz, 20°C															
Leakage Current	After 2 minutes' application of rated voltage, leakage current is 0.001CV+1 (µA) or less.															
tan δ	Measurement frequency : 120Hz, Temperature : 20°C															
	<table border="1"> <tr> <td>Rated voltage (V)</td> <td>10</td> <td>16</td> <td>25</td> <td>50</td> </tr> <tr> <td>tan δ (MAX.)</td> <td>0.17</td> <td>0.13</td> <td>0.10</td> <td>0.08</td> </tr> </table>	Rated voltage (V)	10	16	25	50	tan δ (MAX.)	0.17	0.13	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	4	3	2	2											
Endurance	After 2000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right.															
	Capacitance change	Within ±10% of initial value														
	tan δ	150% or less of initial specified value														
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours, and after performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they will meet the specified value for endurance characteristics listed above.															
	Leakage current	Initial specified value or less														
Marking	Printed with white color letter on black sleeve.															

Radial Lead Type



• Please refer to page 21 about the end seal configuration.

Type numbering system (Example : 10V 33µF)



※ Configuration

φ D	Pb-free leadwire Pb-free PET sleeve
6.3	ED
8 · 10	PD
12.5 · 16	HD

Dimensions

V		φD × L (mm)			
Cap. (µF)	Code	10	16	25	50
1	010	1A	1C	1E	1H
2.2	2R2				6.3 × 11
3.3	3R3			6.3 × 11	6.3 × 11
4.7	4R7			6.3 × 11	8 × 11.5
10	100		6.3 × 11	8 × 11.5	10 × 12.5
22	220	6.3 × 11	8 × 11.5	10 × 12.5	10 × 16
33	330	8 × 11.5	10 × 12.5	10 × 16	10 × 20
47	470	8 × 11.5	10 × 12.5	10 × 16	12.5 × 20
100	101	10 × 16	10 × 20	12.5 × 20	12.5 × 25
220	221	10 × 20	12.5 × 25	16 × 25	16 × 31.5
330	331	12.5 × 25	16 × 25	16 × 25	
470	471	12.5 × 25	16 × 25	16 × 31.5	