ALUMINUMUELECTROLTC CAPACITOR 5邦, 专业PCB打样工厂, 24小时加急出货 nichicon

Chip Type, High Reliability, Higher Capacitance Range



- Chip Type, higher capacitance in larger case sizes (\u00f612.5, \u00f616, \u00e618, \u00e620)
- Designed for surface mounting on high density PC board.
- Applicable to automatic mounting machine using carrier tape and tray.
- Adapted to the RoHS directive (2002/95/EC).

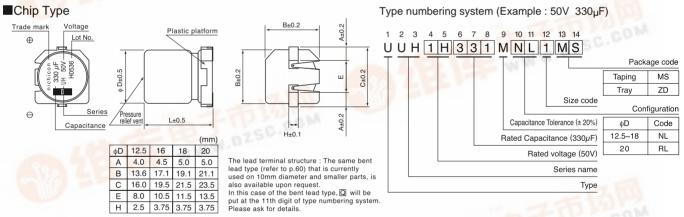
series





Specifications

Specifications										
Item	Performance Characteristics									
Category Temperature Range	-55 ~ +125°C									
Rated Voltage Range	10 ~ 50V									
Rated Capacitance Range	100 ~ 3300µF									
Capacitance Tolerance	±20% at 120Hz, 20°C									
Leakage Current	After 1 minut	es' application of r	rated volta	ge, leakage	current is no	t more	than 0.03C	V or 4 (µA), whichever is greater.		
	Rated voltage (V)		10	16	25	35	50	120Hz 20°C		
tan δ	tan δ (MAX)		0.22	0.18	0.16	0.14	0.12			
	For capacitance of more than 1000µF, add 0.02 for every increase of 1000µF.									
	Rated voltage (V)		10	16	25	35	50	120Hz		
Stability at Low Temperature	Impedance ratio	Z-25°C/Z+20°C	4	3	2	2	2	120Hz		
	ZT / Z20 (MAX.)	Z-40°C/Z+20°C	8	6	4	3	3	WWW.U-		
	After 5000 hours' application of rated voltage at 125°C, capacitors meet the characteristic requirements listed at right.						citance char	ge Within ±30% of initial value		
Endurance								300% or less of initial specified value		
							ige current	Initial specified value or less		
Shelf Life	After storing the capacitors under no load at 125°C for 1000 hours, and after performing voltage treatment based on JIS C 5101- clause 4.1 at 20°C, they will meet the specified value for endurance characteristics listed above.									
Marking	Black print on the case top.									



Dimensions

0

(µF)	V	10		16		25	1500	35	ALC: NO	50	
Cap. Code		1A		1C		1E		1V		1H	
100	101		I L						 	12.5 × 13.5	170
220	221		 		¦ 			12.5×13.5	200	16×16.5	250
330	331			12.5 × 13.5	210	12.5×13.5	230	16×16.5	280	16×21.5	340
		and the second second		01	1				I	▲ 18×16.5	340
470	471	12.5 × 13.5	230	12.5 × 13.5	250	16×16.5	310	18×16.5	380	18×21.5	430
						[▲ 16×21.5	380		
1000	102	12.5 × 16	350	16×16.5	440	18×21.5	540	20×21.5	610		i
					1	▲ 20×16.5	540				+
2200	222	18×16.5	620	18×21.5	710				1		1
		▲ 16×21.5	620		1						1
3300	332	18×21.5	770		 				 	Case size ≬D × L (mm)	Rateo

^Q⊮ In this case, ⑥will be put at 12th digit of type numbering system, "▲"

Frequency coefficient of rated ripple current

(p	Cap.(HP SC. COFrequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz~			
	100 ~ 470	0.80	1.00	1.23	1.34	1.50			

Rated Ripple (mArms) at 125°C 120Hz

• Taping specifications are given in page 24.

 Recommended land size, soldering by reflow are given in page 25, 26.