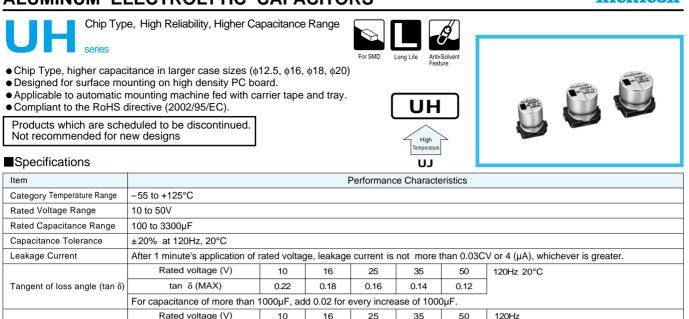
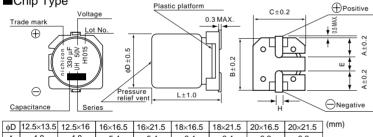
ALUMINUM ELECTROLYTIC CAPACITORS

nichicon



	For capacitance of more than 1000µF, add 0.02 for every increase of 1000µF.									
Stability at Low Temperature	Rated	voltage (V)	10	10 16 25		35	50	120Hz		
	Impedance ratio	Z–25°C / Z+20°C	4	3	2	2	2			
	ZT / Z20 (MAX.)	Z-40°C / Z+20°C	8	6	4	3	3			
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 5000 hours at 125°C.					Capacitance change tan δ Leakage current		Within ±30% of the initial capacitance value 300% or less than the initial specified value Less than or equal to the initial specified value		
Shelf Life	After storing the capacitors under no load at 125°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the specified values for the endurance characteristics listed above.									
Marking	Black print on the case top.									

Chip Type



	A	4.8	4.8	5.4	5.4	6.4	6.4	6.2	6.2
Γ	В	13.6	13.6	17.1	17.1	19.1	19.1	21.1	21.1
	С	13.6	13.6	17.1	17.1	19.1	19.1	21.1	21.1
	Е	4.0	4.0	6.3	6.3	6.3	6.3	8.8	8.8
	L	13.5	16.0	16.5	21.5	16.5	21.5	16.5	21.5
	Н	1.0 to 1.4	1.3 to 1.7	1.3 to 1.7					

Dimensions

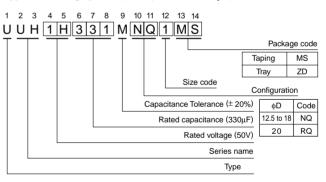
(µF)	v	10		16		25		35		50	
Cap. Code		1A		1C		1E		1V		1H	
100	101		 		 		 		 	12.5 × 13.5	170
220	221		 		 		 	12.5 × 13.5	200	16×16.5	250
330	331		, 	12.5 × 13.5	210	12.5 × 13.5	230	<u>16 × 16.5</u>	280	16 × 21.5 ▲ 18 × 16.5	340
470	471	12.5×13.5	230	12.5 × 13.5	250	16×16.5	310	18×16.5 $\blacktriangle 16 \times 21.5$	380 380	18×21.5	430
1000	102	12.5 × 16	350	16 × 16.5	440	18 × 21.5 ▲ 20 × 16.5	540 540	20×21.5	610		; ; ; ;
2200	222	18 × 16.5 ▲ 16 × 21.5	620 620	18×21.5	710		 		 		
3300	332	18×21.5	770		 		 			Case size ¢D×L (mm)	Rated ripple

* In this case, 6 will be put at 12th digit of type numbering system, **

• Frequency coefficient of rated ripple current

Cap.(µF) Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz or more
100 to 470	0.80	1.00	1.23	1.34	1.50
1000 to 3300	0.85	1.00	1.10	1.13	1.15

Type numbering system (Example : 50V 330µF)



Rated ripple current (mArms) at 125°C 120Hz

• Taping specifications are given in page 23.

• Recommended land size, soldering by reflow are given

in page 18, 19.

• Please refer to page 3 for the minimum order quantity.

