

ALUMINUM ELECTROLYTIC CAPACITORS

宝驹UHM1.2/2MFD供应商

捷多邦, 专业PCB打样工厂, 24小时加急出货

nichicon

HM Low Impedance series

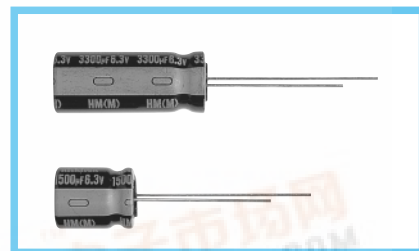


Smaller

Low Impedance

Anti-Solvent Feature

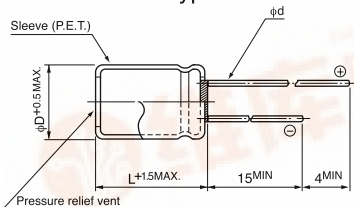
- Lower impedance than HD, HC series.
- Adapted to the RoHS directive (2002/95/EC).



Specifications

Item	Performance Characteristics				
Category Temperature Range	— 40 ~ +105°C				
Rated Voltage Range	6.3 ~ 16V				
Rated Capacitance Range	330 ~ 12000μF				
Capacitance Tolerance	±20% (120Hz, 20°C)				
Leakage Current	After 2 minutes' application of rated voltage, leakage current is less than 0.03CV				
tan δ	For capacitance of more than 1000μF, add 0.02 for every increase of 1000μF				
	Rated voltage (V)	6.3	10	16	120Hz 20°C
	tan δ (MAX.)	0.22	0.19	0.16	
Stability at Low Temperature	Rated voltage (V)	6.3	10	16	120Hz
	Impedance ratio ZT / Z20 (MAX.)	Z-40°C / Z+20°C	3	3	
	Endurance	After an application of D.C. bias voltage plus the rated ripple current for 2000 hours at 105°C the peak voltage shall not exceed the rated D.C. voltage, capacitors meet the characteristic requirements listed below.			
Capacitance change		Within ±25% of initial value			
tan δ		200% or less of initial specified value			
Leakage current		Initial specified value or less			
Marking	Printed with white color black sleeve.				

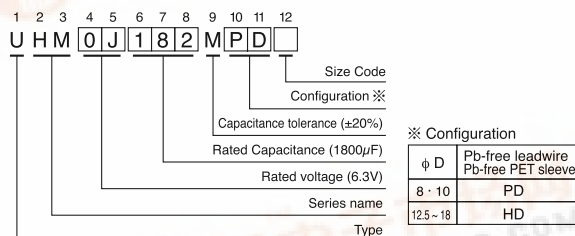
Radial Lead Type



	φD	8	10	12.5	16	18
P	3.5	5.0	5.0	7.5	7.5	
φd	0.6	0.6	0.6	0.8	0.8	

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

Type numbering system (Example : 6.3V 1800µF)



Standard ratings

V (Code)		6.3 (0J)			10 (1A)			16 (1C)		
Cap. (µF)	Item Code	Case size φD × L (mm)	Impedance (mΩ) MAX. 20°C / 100kHz	Rated ripple (mAmps) 105°C / 100kHz	Case size φD × L (mm)	Impedance (mΩ) MAX. 20°C / 100kHz	Rated ripple (mAmps) 105°C / 100kHz	Case size φD × L (mm)	Impedance (mΩ) MAX. 20°C / 100kHz	Rated ripple (mAmps) 105°C / 100kHz
330	331				8 × 11.5	30	1140	8 × 11.5	30	1140
470	471							8 × 11.5	30	1140
560	561	8 × 11.5	30	1140				▲ 10 × 12.5	25	1540
680	681				8 × 11.5	30	1140	10 × 12.5	25	1540
820	821	8 × 11.5	30	1140	▲ 10 × 12.5	25	1540	▲ 8 × 15	28	1490
1000	102	8 × 15	28	1490	▲ 10 × 16	18	2000	● 8 × 20	18	1870
1200	122	10 × 12.5	25	1540	○ 8 × 20	18	1870	○ 10 × 16	18	2000
1500	152	▲ 8 × 20	16	1950						
1800	182	▲ 8 × 20	16	1950	10 × 20	13	2550	10 × 20	13	2550
2200	222	▲ 8 × 20	16	1950						
2700	272	10 × 20	13	2550	12.5 × 20	11	3000	12.5 × 20	10	2900
3300	332	10 × 25	12	2800						
5600	562	▲ 12.5 × 20	11	3000	12.5 × 25	10	2900	16 × 25	9	3070
6800	682	○ 10 × 20	13	2550						
8200	822	12.5 × 25	10	2900						
10000	102	16 × 25	9	3070						
12000	122	18 × 25	8	3250						