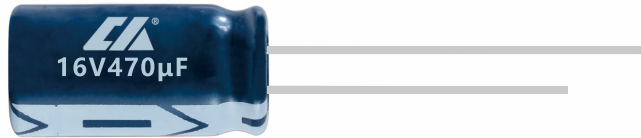


CD288HC Series

- Ultra high frequency, low impedance
- Endurance: 2000 hours at 105°C
- Applicable to chargers, adaptors
- Sleeve color: White Print in Navy Sleeve



Series Features:

Item	Characteristics			
Operating Temperature Range(°C)	- 40 ~ + 105			
Voltage Range(V)	6.3 ~ 16			
Capacitance Range(µF)	330-3300			
Capacitance Tolerance (20°C,120HZ)	±20%			
Leakage Current(µA) (20°C)	1≤0.01CV or 3µ A Whichever is greater (after 2minutes)			
	C:Nominal Capacitance(µF)		V:Rated Voltage(V)	
Dissipation Factor (20°C,120HZ)	R.v.(v)	6.3	10	16
	Tan δ	0.16	0.14	0.12
	When nominal capacitance exceeds 1,000µF,add 0.02 to the value above for each 1,000µF increase			
Stability at low Temperature (Impedance Ratio at 120Hz)	R.V.(V)	6.3	10	16
	Z-25°C/Z+20°C	4	3	2
	Z-40°C/Z+20°C	8	6	4
Load Life (+ 105°C 2000h)	The following specification shall be satisfied when the capacitors are restored to 20°C after subjected to DC Voltage with the rated ripple current is applied for 2000at 105°C.			
	Capacitance Change	Within ±20% of the initial measured Value.		
	Dissipation Factor	≤200% of the initial specified Value		
	Leakage Current	≤The initial specified value		
Shelf Life (+ 105°C1000h)	The following specification shall be satisfied when the capacitors are restored to 20°C after exposing them for1000h at 105°C without Voltage applied.			
	Capacitance Change	Within ±20% of the initial measured Value.		
	Dissipation Factor	≤200% of the initial specified Value		
	Leakage current	≤200% of the initial specified Value		

Frequency Coefficient

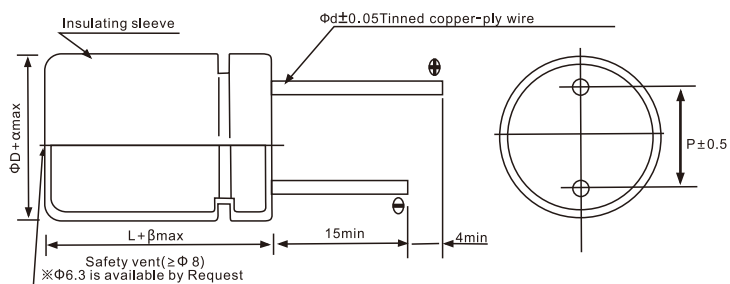
Cap.(µF)	Freq.(HZ)			
	120	1K	10K	100K
100-330µF	0.40	0.75	0.93	1.0
390-1000µF	0.50	0.85	0.95	1.0
1200-3300µF	0.55	0.90	0.98	1.0

Temperature Coefficieng

Temperature (°C)	40	60	70	85	105
	Factor	2.4	2.1	1.78	1.65

CD288HC Series

Dimensions (mm)									
ΦD	5	6.3	8	10	13	16	18	20	22
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10	10
Φd	0.5	0.5	0.5	0.6	0.6	0.8	0.8	0.8	0.8
β	1.0			2.0					
α	0.5								



Ratings									
R.V.(V)	6.3			10			16		
parameter Cap.(μF)	ΦDxL (mm)	Impedaance Ω20°C, 100KHZ	Ripple Current (mArms)	ΦDxL (mm)	Impedaance Ω20°C, 100KHZ	Ripple Current (mArms)	ΦDxL (mm)	Impedaance Ω20°C, 100KHZ	Ripple Current (mArms)
330							8×12	0.125	972
470				8×12	0.125	972	8×12	0.125	972
560	8×12	0.125	972	8×12	0.125	972	8×16	0.120	1305
680	8×12	0.125	972	8×12	0.110	972	8×16	0.120	1305
820	8×12	0.125	972	10×13	0.110	1305	8×20	0.100	1665
1000	8×16	0.125	990	8×16	0.110	1305	8×20	0.095	1719
1200	8×16	0.120	1305	8×20	0.100	1665	10×20	0.090	2286
1500	8×20	0.110	1665	8×20	0.095	1665	10×20	0.083	2286
1800	10×16	0.095	1719	10×20	0.090	2286	10×25	0.080	2520
2200	8×20	0.095	1665	10×20	0.083	2286			
2700	10×20	0.085	2286						
3300	10×30	0.080	2520						

↑
Ripple Current (mArms) at 105°C 100KHZ

