

ELECTRIC DOUBLE LAYER CAPACITORS "EverCAP®"

查询JJD0E160MSE供应商

捷多邦, 专业PCB打样工厂, 24小时加急出货

nichicon

JD

Screw Terminal Type, High Energy Density Type

series

NEW

- High energy density.
- Suitable for electric power storage.
- Available for adapted to the RoHS directive (2002/95/EC).

JD

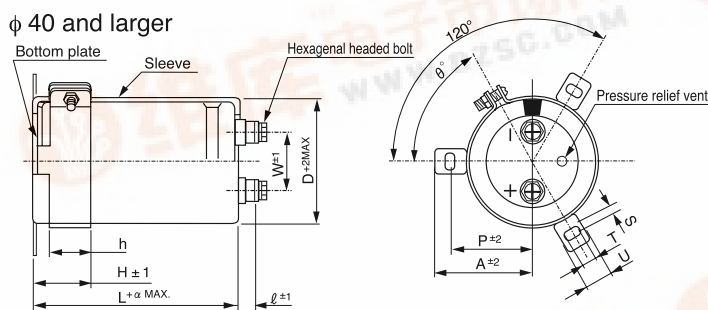
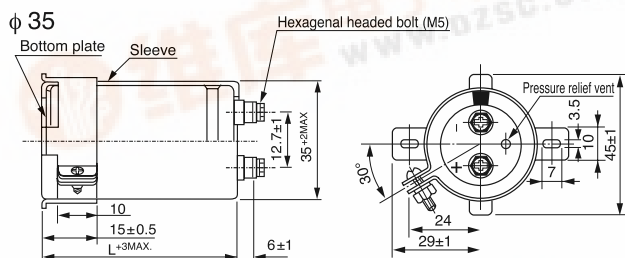
High Energy
Density
JC



Specifications

Item	Performance Characteristics	
Category Temperature Range	- 25 ~ + 60°C	
Rated Voltage Range	2.5V	
Rated Capacitance Range	600 ~ 4000F See Note	
Capacitance Tolerance	±20% (20°C)	
Stability at Temperature	Capacitance (- 25°C) / Capacitance (+20°C) ×100 ≥ 70% DCR(-25°C) / DCR (+20°C) ≤ 7	
DCR*	Refer to the list below. (20°C) *DC internal resistance	
Endurance	After an application of DC voltage for 2000 hours at 60°C, capacitors meet the characteristic requirements listed at right.	Capacitance change
		Within ±30% of initial value
Shelf Life	After storing the capacitors under no load at 60°C for 2000hours, they will meet the characteristic requirements listed at right.	Capacitance change
		Within ±30% of initial value
Marking	Printed with white color letter on black sleeve.	DCR
		300% or less of initial specified value

Drawing



Type numbering system (Example : 2.5V 600F)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
J	J	D	0	E	6	0	7	M	S	E	C		

Configuration ※

Case dia. code (φ35) (φ35, φ40)

Capacitance tolerance (±20%)

Rated Capacitance (600F)

Rated voltage (2.5V)

Series name

Type

Cr (III) Plating (RoHS compliant)

SE

Mounting bracket

Code less	2-leg brackets
BN	No brackets
Code less	3-leg brackets
BB	2-leg brackets
BN	No bracket

Dimensions

Rated Voltage (Code)	Cap. (F)	Cap. code	DCR (mΩ)	Case size		Weight (g)
				φ (mm)	L (mm)	
2.5V (0E)	600	607	16	35	85	130
	800	807	13		105	160
	950	957	10		135	210
	1000	108	10	40	105	210
	1300	138	8		135	250
	2300	238	5		135	450
	2500	258	4	51	150	500
	4000	408	2		150	800

Dimensions of mounting bracket

(mm)

Leg shape	3-Legs			2-Legs	
Symbol	51	63.5	40	51	63.5
P	32.5	38.1	27	33.2	40.5
A	38.5	43	32	40	46.5
T	7.5	8.0	7.0	6.0	7.0
S	5.0	5.0	3.5	4.5	4.5
U	12	14	10	14	14
θ°	60	60	45	30	30
H	20	25	17	25	35
h	15	20	12	15	20

Dimensions of terminal pitch(W) and length(ℓ) and Normal dia. of bolt (mm)

φ	W	ℓ	α	Nominal of bolt
40	18.8	9	3	M6
51	22.0	10	3	M6
63.5	28.6	10	3	M6

Note :

To calculate capacitance, the capacitor must be charged at the rated voltage of 2.5V for 30 minutes. Measure the time of duration ΔT (sec.) it takes go from 2V to 1V when a constant current discharge of i (A) = 0.01 × nominal capacitance is carried out. It is then possible to calculate