



Screw Terminal Type, High Energy Density Type

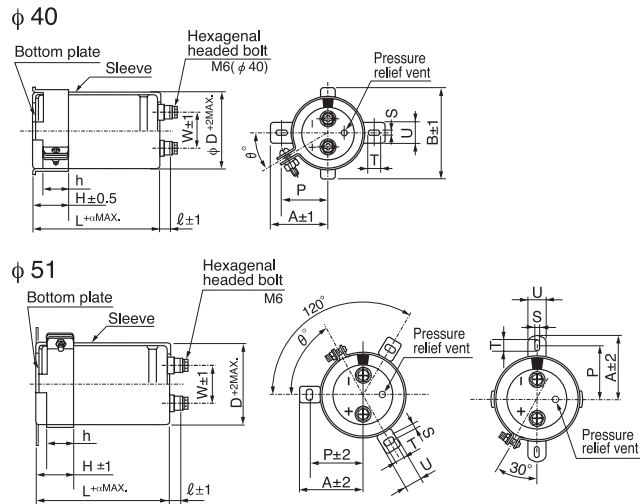
- High energy density.
- Suitable for electric power storage.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).



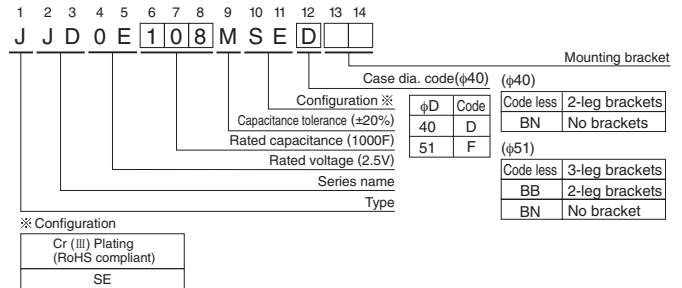
Specifications

Item	Performance Characteristics					
Category Temperature Range	- 25 to +60°C					
Rated Voltage Range	2.5V					
Rated Capacitance Range	1000 to 2500F 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 table below (20°C). *DC internal resistance					
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 2000 hours at 60°C.	<table border="1"> <tr> <td>Capacitance change</td> <td>Within ±30% of the initial capacitance value</td> </tr> <tr> <td>DCR</td> <td>300% or less than the initial specified value</td> </tr> </table>	Capacitance change	Within ±30% of the initial capacitance value	DCR	300% or less than the initial specified value
	Capacitance change	Within ±30% of the initial capacitance value				
DCR	300% or less than the initial specified value					
Shelf Life	The specifications listed at right shall be met when the capacitors are restored to 20°C after storing the capacitors under no load for 2000 hours at 60°C.	<table border="1"> <tr> <td>Capacitance change</td> <td>Within ±30% of the initial capacitance value</td> </tr> <tr> <td>DCR</td> <td>300% or less than the initial specified value</td> </tr> </table>	Capacitance change	Within ±30% of the initial capacitance value	DCR	300% or less than the initial specified value
	Capacitance change	Within ±30% of the initial capacitance value				
DCR	300% or less than the initial specified value					
Humidity Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 500 hours at 40°C 90%RH.	<table border="1"> <tr> <td>Capacitance change</td> <td>Within ±30% of the initial capacitance value</td> </tr> <tr> <td>DCR</td> <td>300% or less than the initial specified value</td> </tr> </table>	Capacitance change	Within ±30% of the initial capacitance value	DCR	300% or less than the initial specified value
	Capacitance change	Within ±30% of the initial capacitance value				
DCR	300% or less than the initial specified value					
Marking	Printed with white color letter on black sleeve.					

Drawing



Type numbering system (Example : 2.5V 1000F)



Note :

The capacitance calculated from discharge time (ΔT) with constant current (i) after 30minute charge with rated voltage (2.5V).
 The discharge current (i) is 0.01 × rated capacitance (F).
 The discharge time (ΔT) measured between 2V and 1V with constant current.
 The capacitance calculated below.
 Capacitance (F) = i × ΔT

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

φ D	W	l	α	Nominal of bolt
40	18.8	9	3	M6
51	26.0	10	3	M6

Dimensions

Rated Voltage (Code)	Cap. (F)	Cap. code	DCR ※ Typical (mΩ)	Case size		Ref. Weight (g)
				φ (mm)	L (mm)	
2.5V (0E)	1000	108	8.0	40	105	210
	1300	138	6.0		135	250
	2300	238	4.0	51	135	450
	2500	258	3.5		142	500

※ The listed DCR value is typical and therefore not a guaranteed value.

- Dimensions of mounting bracket (mm)

Symbol	Leg shape φD	3-Legs		2-Legs	
		51	40	40	51
P		32.5	27	33.2	
A		38.5	32	40	
B		-	48	-	
T		7.5	7.0	6.0	
S		5.0	3.5	4.5	
U		12	10	14	
θ°		60	45	30	
H		20	17	25	
h		15	12	15	

Note)The brackets will be supplied in the separate box.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Supercapacitors](#) / [Ultracapacitors](#) category:

Click to view products by [Nichicon](#) manufacturer:

Other Similar products are found below :

[DCK-3R3E224U-E](#) [C-TEC2410-10](#) [CEM2](#) [KW-5R5C105H-R](#) [KW-5R5C224H-R](#) [KR-5R5C105H-R](#) [DBJ-5R5D105T](#) [DXJ-5R5H334U](#)
[DSK-3R3H703T414-HRL](#) [LX055105A](#) [LT055105A](#) [SCCY73B407SLBLE](#) [VPF127M3R8](#) [VPF706M3R8](#) [VMF706M3R8](#) [VMF506M3R8](#)
[VPF506M3R8](#) [VMF306M3R8](#) [VPF227M3R8](#) [VMF227M3R8](#) [VMF127M3R8](#) [DB5U207M30045HA](#) [DH5U128W60074TH](#) [DRE10/2.5](#)
[DRL106S0TI25RRDAP](#) [DRL226S0TK25RR](#) [106DCN2R7M](#) [SCCR20B335SRB](#) [SCCS30B106SRB](#) [SCCT30B156SRB](#) [SCCU30B306MRB](#)
[SCCW45B107VSB](#) [SCMR14C474MSBA0](#) [SCMR22C155MRBA0](#) [SCMR22C155MSBA0](#) [SCMT22C505MRBA0](#) [SCMT32C755MRBA0](#)
[DRL475S0TG20RRDAP](#) [FT0H225ZF](#) [FR0H473ZF](#) [GS206F](#) [DSK-3R3H703T414-HLL](#) [SCCV40B506MRB](#) [NEXT474Z5.5V16.5X13F](#) [DBJ-](#)
[5R5D224T](#) [GW209F](#) [SCCX50B207VSB](#) [PAS0815LS2R5105](#) [MAL222090009E3](#) [MAL222091006E3](#)