



- Super Low temperature aluminum electrolytic capacitor
- outdoor high-voltage switchgear , control gear , feeder terminal unit and transformer
 Terminal unit for the power distribution systems vacuum switches
 Outdoor high-voltage vacuum magnetic actuators automatic recover
 Outdoor high-voltage vacuum magnetic actuators circuit-breakers
- energy storage and Charge discharge

◆ SPECIFIC ATIONS

items	Characteristics	
Category temperature Range	-55℃~+85℃	
Rated voltage Range	350~450 _{VDC}	
Capacitance Tolerance	± 20% (M) at 20℃/120HZ	
Leakage Current	I=0.02CV or 5mA, whichever is smaller I: Where, I : Max. leakage current (μA), C: Nominal capacitance (μF), Rated voltage (V) at 20℃after 5 minutes	
Dissipation Factor (tanδ)	≤0.10 at 20℃/120HZ	
Low Temperature characteristics	Capacitance change(vdc) C (-25℃) /C (+20℃) ≥0.7 at 20℃/120HZ	
Insulation Resistance	When measured between the terminals that are connected to each other and to the mounting clamp on the insulating sleeve covering the case by using an insulation resistance meter of 500Vdc, the insulation resistance shall not be less than 100mΩ	
Insulation Withstanding Voltage	When a voltage of 2,000Vac is applied for 1 minute between the terminals that are connected to each other and to the mounting clamp on the insulating sleeve covering the case, there shall not be electrical damage	
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20℃ after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 2,000 hours at -55℃	
	Capacitance change	≤±20% of the initial value
	D.F. (tanδ)	≤200% of the initial specified value
	Leakage current	≤The initial specified value
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for1000 hours at -55℃ without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4	
	Capacitance change	≤±20% of the initial value
	D.F. (tanδ)	≤200% of the initial specified value
	Leakage current	≤The initial specified value

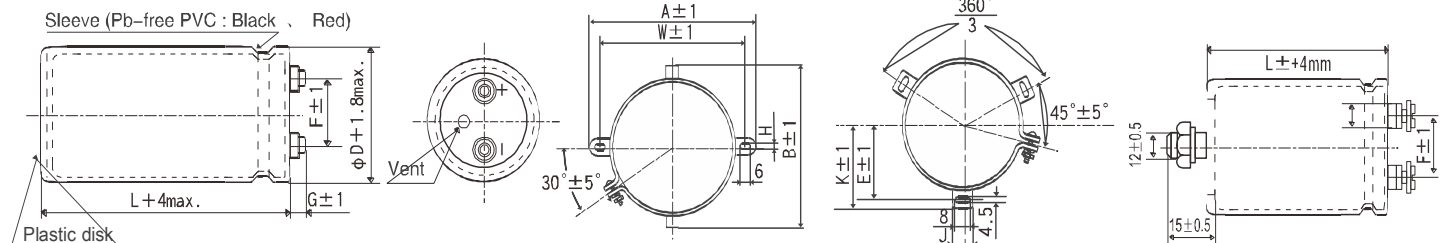
◆ DIMENSIONS[mm]

● Terminal Code : M5

● Mounting Clamp Code : B

● Mounting Clamp Code : C

● NO Mounting Clamp Code : N



Ø35~ Ø63.5: G=6

Ø76.2~ Ø89: G=5

Screw specifications

~ ~ Plus hexagon-headed screw M5*0.8*10 M6*1.0*10 Ø100

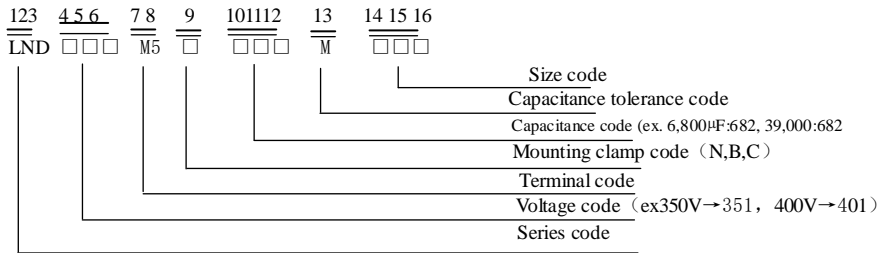
Maximum screw tightening torque 3.23N.m The screw and the mounting clamp are separately supplied and not attached to the product

ØD	A	B	W	H	F
35	58.0	44.0	48.0	3.5	12.7
50	78.0	64.0	68.0	4.5	22.4
63.5	90.0	76.0	80.0	4.5	28.0
76.2	104.5	90.0	93.5	4.5	31.5

ØD	E	K	F	J
50	32.5	37.0	14.0	22.4
63.5	38.1	43.5	28.0	14.0
76.2	44.5	50.0	31.5	14.0
89	50.8	56.5	31.5	16.0
100	56.5	63.4	41.5	18.0



◆PART NUMBERING SYSTEM



Please refer to "Product code guide (screw-mount terminal type)"

SRANDRAD RATINGS

W. V Vdc	cap [μ F]	Case size D x L [mm]	tanδ 120HZ, 20°C	Rated ripple current(Ams/-5 5°C, 120Hz)	Part NO.	W. V Vdc	cap [μ F]	Case size D x L [mm]	tanδ 120HZ, 20°C	Rated ripple current(Ams/-5 5°C, 120Hz)	Part NO.
350	750	50*75	0.12	5.1	LND351M5C751MC75	400	3200	63.5*170	0.12	17.3	LND401M5C322MDH0
	1100	50*96	0.12	6.9	LND351M5C112MC96		3400	76.2*130	0.12	17.5	LND401M5C342MED0
	1300	50*105	0.12	7.8	LND351M5C132MCA5		4200	76.2*155	0.12	21.1	LND401M5C422MEF5
	1600	50*130	0.12	9.5	LND351M5C162MCD0		4600	76.2*170	0.12	23.0	LND401M5C462MEH0
	1800	63.5*96	0.12	10.0	LND351M5C182MD96		5700	89*155	0.12	24.7	LND401M5C572MFF5
	1900	50*145	0.12	10.7	LND351M5C192MCE5		6400	89*170	0.12	27.0	LND401M5C642MFH0
	2400	63.5*115	0.12	12.6	LND351M5C242MDB5		7000	89*190	0.12	30.0	LND401M5C702MFK0
	2800	63.5*130	0.12	14.3	LND351M5C282MDD0		7900	100*190	0.12	34.0	LND401M5C792MGK0
	3400	63.5*155	0.12	17.1	LND351M5C342MDF5		9400	100*220	0.12	39.6	LND401M5C942MGN0
	3500	76.2*115	0.12	16.9	LND351M5C352MEB5		12000	100*270	0.12	49.2	LND401M5C123MGTO
	3800	63.5*170	0.12	18.8	LND351M5C382MDH0		500	50*75	0.12	4.0	LND451M5C501MC75
	4000	76.2*130	0.12	19.0	LND351M5C402MED0		710	50*96	0.12	5.2	LND451M5C711MC96
	5000	76.2*155	0.12	23.0	LND351M5C502MEF5		840	50*105	0.12	5.9	LND451M5C841MCA5
	5600	76.2*170	0.12	25.3	LND351M5C562MEH0		1100	50*130	0.12	7.5	LND451M5C112MCD0
	6900	89*155	0.12	27.2	LND351M5C692MFF5		1200	63.5*96	0.12	7.8	LND451M5C122MD96
	7700	89*170	0.12	29.6	LND351M5C772MFH0		1300	50*145	0.12	8.4	LND451M5C132MCE5
	8400	89*190	0.12	32.9	LND351M5C842MFK0		1600	63.5*115	0.12	9.8	LND451M5C162MDB5
	9500	100*190	0.12	37.3	LND351M5C952MGK0		1800	63.5*130	0.12	10.9	LND451M5C182MDD0
11000	100*220	0.12	42.9	LND351M5C113MGN0	2300	63.5*155	0.12	13.3	LND451M5C232MDF5		
14000	100*270	0.12	53.1	LND351M5C143MGTO	2300	76.2*115	0.12	13.0	LND451M5C232MEB5		
400	620	50*75	0.12	4.6	LND401M5C621MC75	2500	63.5*170	0.12	14.5	LND451M5C252MDH0	
	880	50*96	0.12	6.1	LND401M5C881MC96	2700	76.2*130	0.12	14.8	LND451M5C272MED0	
	1000	50*105	0.12	6.8	LND401M5C102MCA5	3300	76.2*155	0.12	17.7	LND451M5C332MEF5	
	1400	50*130	0.12	8.9	LND401M5C142MCD0	3700	76.2*170	0.12	19.5	LND451M5C372MEH0	
	1500	63.5*96	0.12	9.1	LND401M5C152MD96	4600	89*155	0.12	22.2	LND451M5C462MFF5	
	1600	50*145	0.12	9.9	LND401M5C162MCE5	5100	89*170	0.12	24.1	LND451M5C512MFH0	
	2000	63.5*115	0.12	11.5	LND401M5C202MDB5	5700	89*190	0.12	27.1	LND451M5C572MFK0	
	2300	63.5*130	0.12	13.0	LND401M5C232MDD0	6400	100*190	0.12	30.6	LND451M5C642MGK0	
	2800	63.5*155	0.12	15.5	LND401M5C282MDF5	7600	100*220	0.12	35.6	LND451M5C762MGN0	
	2900	76.2*115	0.12	15.4	LND401M5C292MEB5	9500	100*270	0.12	43.7	LND451M5C952MGTO	

RTED RIPPLE CURRENT MUIERS

The ripple frequency and standard list of the specified value is not at the same time, please use the value is less than the following

●Frequency Multiplier

Frequency (HZ)	120	300	1K	3K
coefficient	0.83	1.00	1.25	1.33

Note : The endurance of capacitors is shorted with internal heating produced by ripple current at the rate of halving the lifetime with every 5 to 10°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced. Also, for the LCS series capacitors, using them at operating voltage less than their rated voltage can extend their lifetime. For the details, please contact representative of capsun

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