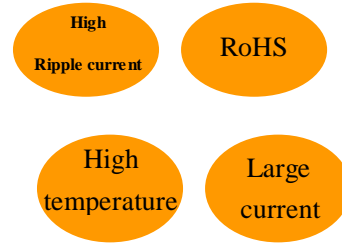


- super high temperature aluminum electrolytic capacitor
- suitable for large current under the high temperature environment for example oil well



Underground mine 5000 meters use environment Oil Special-purpose Frequency conversion

Electromagnetic antiscaling descaling apparatus, High voltage Electric machinery

Energy-saving protection control system, Lighting economize on electricity control

system, Oil and gas well Wellhead Production data Long-range The measurement and control

system ,station tank group of oil-water interface detection system, Oil recovery

Monitoring system, Oil Natural gas Monitoring and management system, Oil exploration equipment

◆SPECIFIC ATIONS

items	Characteristics	
Category temperature Range	-40~+150℃	
Rated voltage Range	350~600 <sub>VDC</sub>	
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 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 150℃	
	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 for 500 hours at 150℃ 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

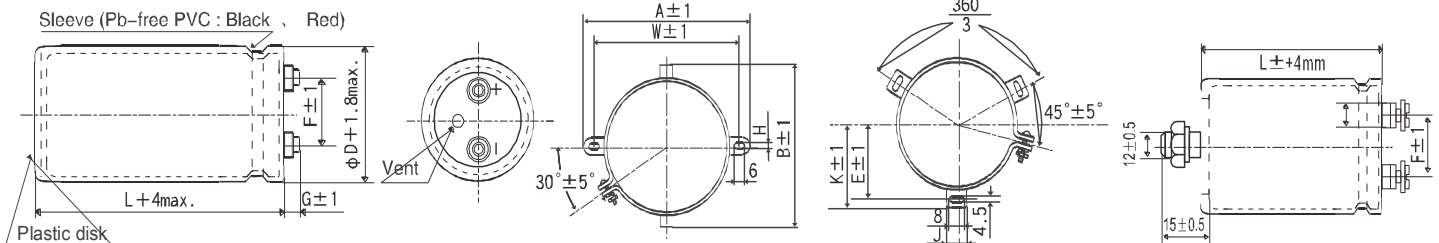
◆ DIMENSIONS[mm]

● Terminal Code : M5

● Mounting Clamp Code : B

● Mounting Clamp Code : C

● NO Mounting Clamp Code : N



035~ 063.5: G=6

076.2~ 089: G=5

∅D	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

∅D	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

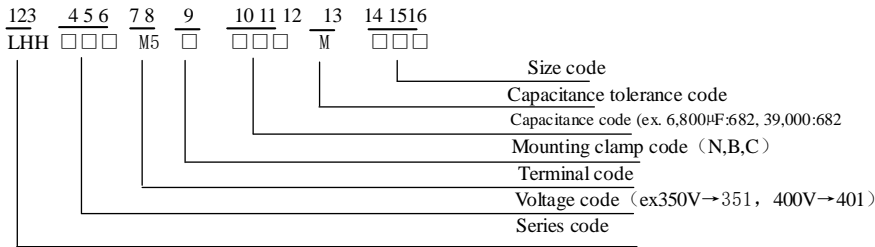
Screw specifications

~ ~ Plus hexagon-headed screw M5\*0.8\*10 M6\*1.0\*10 0100

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



◆ 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 (A ms/150°C, 120HZ)	Part NO.	W. V [Vdc]	cap [µ F]	Case size D x L [mm]	tanδ 120HZ, 20°C	Rated ripple current (Am s/150°C, 12 OHZ)	Part NO.
350	3300	63. 5*115	0. 10	11. 1	LHH351M5C332MDB5	500	2200	50*155	0. 25	9. 8	LHH501M5B222MCF5
	3900	63. 5*130	0. 10	12. 8	LHH351M5C392MDD0		2700	63. 5*120	0. 25	11. 2	LHH501M6C272MDC0
	4700	63. 5*155	0. 10	15. 2	LHH351M5C472MDF5		3300	63. 5*140	0. 25	13. 3	LHH501M6C332MDE0
	4700	76. 2*115	0. 10	14. 7	LHH351M5C472MEB5		3900	63. 5*170	0. 25	15. 7	LHH501M6C392MDH0
	5600	63. 5*170	0. 10	17. 3	LHH351M5C562MDH0		3900	76. 2*130	0. 25	15. 4	LHH501M6C392MED0
	5600	76. 2*130	0. 10	16. 9	LHH351M5C562MED0		4700	76. 2*155	0. 25	18. 1	LHH501M6C472MEF5
	6800	63. 5*190	0. 10	20. 0	LHH351M5C682MDK0		5600	76. 2*170	0. 25	20. 8	LHH501M6C562MEH0
	6800	76. 2*155	0. 10	20. 2	LHH351M5C682MEF5		5600	89*130	0. 25	17. 1	LHH501M6C562MFD0
	8200	76. 2*170	0. 10	23. 1	LHH351M5C822MEH0		6800	89*155	0. 25	20. 0	LHH501M6C682MFF5
	10000	89*155	0. 10	26. 6	LHH351M5C103MFF5		8200	89*190	0. 25	24. 4	LHH501M6C822MFK0
12000	89*190	0. 10	32. 0	LHH351M5C123MFK0	10000	89*220	0. 25	28. 2	LHH501M6C103MFN0		
400	2700	63. 5*115	0. 10	10. 1	LHH401M5C272MDB5	12000	100*220	0. 25	32. 9	LHH501M6C123MGNO	
	3300	63. 5*130	0. 10	11. 7	LHH401M5C332MDD0	15000	100*250	0. 25	39. 8	LHH501M6C153MGRO	
	3900	63. 5*155	0. 10	13. 8	LHH401M5C392MDF5	550	3300	63. 5*170	0. 25	14. 5	LHH551M6C332MDH0
	3900	76. 2*115	0. 10	14. 7	LHH401M5C392MEB5		3300	76. 2*130	0. 25	14. 2	LHH551M6C332MED0
	4700	63. 5*170	0. 10	15. 8	LHH401M5C472MDH0		3900	76. 2*140	0. 25	15. 9	LHH551M6C392MEE0
	4700	76. 2*130	0. 10	15. 5	LHH401M5C472MED0		4700	76. 2*170	0. 25	19. 1	LHH551M6C472MEH0
	5600	63. 5*190	0. 10	18. 2	LHH401M5C562MDK0		4700	89*130	0. 25	15. 6	LHH551M6C472MFD0
	5600	76. 2*155	0. 10	18. 3	LHH401M5C562MEF5		5600	89*155	0. 25	18. 2	LHH551M6C562MFF5
	6800	76. 2*170	0. 10	21. 0	LHH401M5C682MEH0		6800	89*170	0. 25	21. 1	LHH551M6C682MFH0
	8200	89*155	0. 10	24. 1	LHH401M5C822MFF5		8200	100*170	0. 25	24. 8	LHH551M6C822MGH0
10000	89*190	0. 10	29. 1	LHH401M5C103MFK0	10000		100*200	0. 25	29. 4	LHH551M6C103MG00	
450	2200	63. 5*115	0. 10	9. 1	LHH451M5C222MDB5		12000	100*250	0. 25	32. 1	LHH551M6C123MGRO
	2700	63. 5*130	0. 10	10. 6	LHH451M5C272MDD0	600	1800	76. 2*95	0. 25	9. 10	LHH601M6C182ME95
	2700	76. 2*115	0. 10	11. 2	LHH451M5C272MEB5		2200	63. 5*145	0. 25	11. 0	LHH601M6C222MDE5
	3300	63. 5*155	0. 10	12. 7	LHH451M5C332MDF5		2700	63. 5*170	0. 25	13. 1	LHH601M6C272MDH0
	3300	76. 2*130	0. 10	13. 0	LHH451M5C332MED0		2700	76. 2*125	0. 25	12. 6	LHH601M6C272MEC5
	3900	63. 5*170	0. 10	14. 4	LHH451M5C392MDH0		3300	76. 2*145	0. 25	14. 9	LHH601M6C332MEE5
	4700	76. 2*155	0. 10	16. 7	LHH451M5C472MEF5		3900	76. 2*170	0. 25	17. 3	LHH601M6C392MEH0
	5600	76. 2*190	0. 10	20. 1	LHH451M5C562MEK0		3900	89*130	0. 25	14. 2	LHH601M6C392MFD0
	5600	89*155	0. 10	19. 9	LHH451M5C562MFF5		4700	76. 2*190	0. 25	20. 0	LHH601M6C472MEK0
	6800	89*170	0. 10	23. 0	LHH451M5C682MFH0		4700	89*155	0. 25	16. 6	LHH601M6C472MFF5
8200	89*190	0. 10	26. 4	LHH451M5C822MFK0	5600		89*170	0. 25	19. 1	LHH601M6C562MFH0	

◆ 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)	50	120	300	1K	3K
coefficient	0. 8	1. 0	1. 1	1. 3	1. 4

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 LHA series capacitors, using them at operating voltage less than their rated voltage can extend their lifetime. For the details, please contact representative of capsun