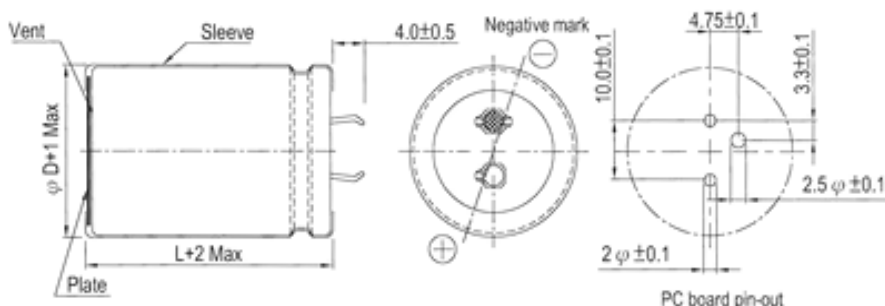


Lelon P/N : LSM682M1EL3A2525	LELON ELECTRONICS CORP.	Page : 1 / 1
	LSM 6800 μ F / 25 V – 25 ϕ × 25L	

CUSTOMER : TTI INC

CUSTOMER P/N:

DIAGRAM OF DIMENSIONS



Unit: mm

ϕ D	25
L	25

Items	Performance																												
Category Temperature Range	-40℃ ~ +105℃																												
Capacitance Tolerance	-20 % ~ +20 % (120 Hz, 20℃)																												
Surge Voltage	28.8 VDC																												
Leakage Current	I ≤ 1.24 mA After 5 minutes																												
Tan δ	≤ 0.45 (120 Hz, 20℃)																												
Ripple Current (rms)	1.77 A (120 Hz, 105℃)																												
Low Temperature Characteristics(120 Hz)	Z(-25℃)/Z(+20℃)		3																										
	Z(-40℃)/Z(+20℃)		10																										
Ripple Current & Frequency Multipliers	<table><tr><td>Frequency (Hz)</td><td>50 / 60</td><td>100 / 120</td><td>300</td><td>1k</td><td>10k up</td></tr><tr><td>Multiplier</td><td>0.8</td><td>1.0</td><td>1.1</td><td>1.3</td><td>1.4</td></tr></table>						Frequency (Hz)	50 / 60	100 / 120	300	1k	10k up	Multiplier	0.8	1.0	1.1	1.3	1.4											
Frequency (Hz)	50 / 60	100 / 120	300	1k	10k up																								
Multiplier	0.8	1.0	1.1	1.3	1.4																								
Life Test: Endurance: After 3000 Hrs at 105℃ Shelf Life Test: After 1000 Hrs at 105℃	<table><tr><td>Capacitance Change</td><td colspan="5">Within ±20 % of initial value</td></tr><tr><td rowspan="2">Tan δ</td><td colspan="5">Load Life: Less than 200% of specified value</td></tr><tr><td colspan="5">Shelf Life: Less than 150% of specified value</td></tr><tr><td>Leakage Current</td><td colspan="5">Within specified value</td></tr></table> Shelf Life Test: The rated voltage shall be applied to the capacitors before the measurements (Refer to JIS C 5101-4 4.1)						Capacitance Change	Within ±20 % of initial value					Tan δ	Load Life: Less than 200% of specified value					Shelf Life: Less than 150% of specified value					Leakage Current	Within specified value				
Capacitance Change	Within ±20 % of initial value																												
Tan δ	Load Life: Less than 200% of specified value																												
	Shelf Life: Less than 150% of specified value																												
Leakage Current	Within specified value																												
Solder Heat-resistance	Dip of wave soldering capacitors should be less than 260±5℃ , 10±1seconds.																												
Standards	JIS C 5101-4																												
Remarks	RoHS Compliance & Halogen-free																												

* Please refer to " Precautions and Guidelines for Aluminum Electrolytic Capacitors " of Lelon's catalog.

Publish Date	April 29, 2014	Approval Signatures:	Approved	Checked	Designed
Revise Date					
Edition No.	1				

Please return one copy with your approval

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