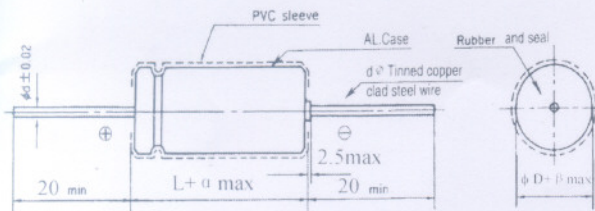


LELON ELECTRONICS (HUI-DONG) CO., LTD.

FARNELL PART NO: 9418423

DESCRIPTION: 100 μ F/25V TE15-M 8*13

LELON PART NO: LV101M1EB-0813(E)



Unit (mm)

单位: mm

L	13
Φ D	8
Φ d	0.6
α	1.5
β	0.5

ITEM 项目	CHARACTERISTIC 特性								
Operating Temperature Range 使用温度范围	-40°C ~ +85°C								
Capacitance Tolerance 静电容量容许差	±20 % (120Hz, 20°C)								
Capacitance 规格容量	100 μ F								
Rated Voltage 额定电压	25VDC								
Surge Voltage 突破电压	32 VDC								
Leakage Current (at 20°C) 漏电流	$I \leq 50 \mu A$ After 2 minutes								
Dissipation Factor (Tan δ at 120Hz, 20°C) 散逸因素	$\leq 15\%$ (120Hz, 20°C)								
Ripple Current (rms 120Hz) 纹波电流	170 mA 85°C								
Low Temperature Characteristics (at 120Hz) 低温特性	<table border="1" style="margin: auto;"> <tr> <td colspan="2" style="text-align: center;">Rated Voltage</td> <td style="text-align: center;">25V</td> </tr> <tr> <td rowspan="2" style="text-align: center;">Impedance Ratio</td> <td style="text-align: center;">Z(-25°C)/Z(+20°C)</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">Z(-40°C)/Z(+20°C)</td> <td style="text-align: center;">6</td> </tr> </table>	Rated Voltage		25V	Impedance Ratio	Z(-25°C)/Z(+20°C)	3	Z(-40°C)/Z(+20°C)	6
	Rated Voltage		25V						
	Impedance Ratio	Z(-25°C)/Z(+20°C)	3						
Z(-40°C)/Z(+20°C)		6							
Load Life 负荷特性 After 1000hours application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right. 在额定电压85°C条件下,经过1000小时后,电容特性要求如右表	<table border="1" style="margin: auto;"> <tr> <td style="text-align: center;">Leakage Current 漏电流</td> <td style="text-align: center;">Initial specified value or less 等于或小于初始值</td> </tr> <tr> <td style="text-align: center;">Capacitance Change 容量变化</td> <td style="text-align: center;">* Within ±20% of initial value 在初始值±20%以内</td> </tr> <tr> <td style="text-align: center;">Disspation Factor 散逸因素</td> <td style="text-align: center;">Less than 200% of specified value 小于规格值200%</td> </tr> </table>	Leakage Current 漏电流	Initial specified value or less 等于或小于初始值	Capacitance Change 容量变化	* Within ±20% of initial value 在初始值±20%以内	Disspation Factor 散逸因素	Less than 200% of specified value 小于规格值200%		
	Leakage Current 漏电流	Initial specified value or less 等于或小于初始值							
	Capacitance Change 容量变化	* Within ±20% of initial value 在初始值±20%以内							
Disspation Factor 散逸因素	Less than 200% of specified value 小于规格值200%								
Shelf Life 放置特性	After leaving capacitors under no load at 85°C for 1000 hours and applying voltage they meet the specified value for load life characteristics listed above 将电容器放置于无电压负荷85°C状况下,经过1000小时后,再加电压于电容器,其所测值应与有负荷测试判定标准相同。(同上表)								
Marking 标示	<div style="display: flex; justify-content: space-around; margin-top: 5px;"> 25V 100uF LL 85°C (M) E </div> <p style="text-align: right;">黑色 (41#)</p>								
Standards 检验标准	Satisfies Characteristic W of JIS C 5141								
Publish Date	2005.12.21	Approved	Checked	Designed					
Revise Date									
Edition NO.									