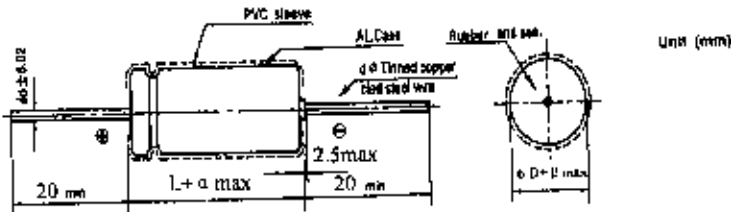


LELON ELECTRONICS (HUIZHOU) CO., LTD.

FARNELL PART NO: 9418857

DESCRIPTION: 1000 μ F/16V TG17-M 10*21

LELON PART NO: SG102M1CB-1021(E)



单位: mm

L	21
Φ D	10
Φ d	0.6
α	2.0
β	1.0

ITEM 项目	CHARACTERISTIC 特性									
Operating Temperature Range 使用温度范围	-40°C ~ +105°C									
Capacitance Tolerance 静电容量容许差	±20% (120Hz, 20°C)									
Capacitance 规格容量	1000 μ F									
Rated Voltage 额定电压	16 VDC									
Surge Voltage 突破电压	20 VDC									
Leakage Current (at 20°C) 漏电流	$I \leq 320 \mu A$ After 2 minutes									
Dissipation Factor (Tan δ at 120Hz, 20°C) 散逸因素	$\leq 17\%$ (120Hz, 20°C)									
Ripple Current (rms 120Hz) 纹波电流	569 mA 105°C									
Low Temperature Characteristics (at 120Hz) 低温特性	<table border="1"> <tr> <td colspan="2">Rated Voltage</td> <td>16V</td> </tr> <tr> <td>Impedance</td> <td>Z(-25°C)/Z(+20°C)</td> <td>3</td> </tr> <tr> <td>Ratio</td> <td>Z(-40°C)/Z(+20°C)</td> <td>6</td> </tr> </table>	Rated Voltage		16V	Impedance	Z(-25°C)/Z(+20°C)	3	Ratio	Z(-40°C)/Z(+20°C)	6
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Ratio	Z(-40°C)/Z(+20°C)	6								
Load Life 负荷特性 After 1000hours application of rated voltage at 105°C, capacitors meet the characteristics requirements listed at right. 在额定电压105°C条件下,经过1000小时后,电容特性要求如右表	<table border="1"> <tr> <td>Leakage Current 漏电流</td> <td>Initial specified value or less 等于或小于规格值</td> </tr> <tr> <td>Capacitance Change 容量变化</td> <td>Within ±20% of initial value 在初始值±20%以内</td> </tr> <tr> <td>Dissipation Factor 散逸因素</td> <td>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 等于或小于规格值	Capacitance Change 容量变化	Within ±20% of initial value 在初始值±20%以内	Dissipation Factor 散逸因素	Less than 200% of specified value 小于规格值200%			
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Shelf Life 放置特性	After leaving capacitors under no load at 105°C for 1000 hours and applying voltage they meet the specified value for load life characteristics listed above 将电容器放在无电压负荷105°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	<p style="text-align: right;">黑色(41#)</p>									
Standards 检验标准	Satisfies Characteristic W of JIS C 5141									
Publish Date	2006.06.26	Approved	Checked	Designed						
Revise Date				李文燕						
Edition NO.										