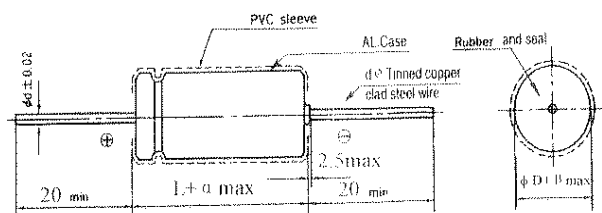


Shona SOLI ELECTRONICS (HUI-DONG) CO., LTD.

FARNELL PART NO: 9419047

DESCRIPTION: 4700 μ F/35V TG18-M 22*42

SOLI PART NO: HT472M1VB-2242(E)



Unit (mm)

单位: mm

L	42
ϕ D	22
ϕ d	0.8
α	2.0
β	1.0

ITEM 项 目		CHARACTERISTIC 特 性										
Operating Temperature Range 使用温度范围		-40℃ ~ +105℃										
Capacitance Tolerance 静电容量容许差		±20 % (120Hz, 20℃)										
Capacitance 规格容量		4700 μ F										
Rated Voltage 额定电压		35VDC										
Surge Voltage 突破电压		44 VDC										
Leakage Current (at 20℃) 漏电流		I ≤3290 μ A After 2 minutes										
Dissipation Factor (Tan δ at 120Hz, 20℃) 散逸因素		≤ 18% (120Hz, 20℃)										
Ripple Current (rms 120Hz) 纹波电流		1878 mA 105℃										
Low Temperature Characteristics (at 120Hz) 低 温 特 性	<table><tr><td colspan="2">Rated Voltage</td><td>35V</td></tr><tr><td>Impedance</td><td>Z(-25℃)/Z(+20℃)</td><td>3</td></tr><tr><td>Ratio</td><td>Z(-40℃)/Z(+20℃)</td><td>8</td></tr></table>			Rated Voltage		35V	Impedance	Z(-25℃)/Z(+20℃)	3	Ratio	Z(-40℃)/Z(+20℃)	8
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	Impedance	Z(-25℃)/Z(+20℃)	3									
Ratio	Z(-40℃)/Z(+20℃)	8										
Load Life 负荷特性 After 1000hours application of rated voltage at 105℃, capacitors meet the characteristics requirements listed at right. 在额定电压 105℃ 条件下, 经过 1000 小时后, 电容特性要求如右表		<table><tr><td>Leakage Current 漏电流</td><td>Initial specified value or less 等于或小于初始值</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>Disspation 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%			
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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 105℃ 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 105℃ 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><div><div><div></div><div></div><div></div></div><div>4700V</div><div>35uF</div></div><div><div>LL</div><div>105℃</div><div>(M)</div><div>E</div></div></div> <div>黑色 (41#)</div>										
Standards 检验标准		Satisfies Characteristic W of JIS C 5141										
Publish Date	2005.10.29	Approved	Checked	Designed								
Revise Date		10月26日	10月26日	李文燕								
Edition NO.		张正良										