



Insert And Extract Force:1.36kgf~6.8kgf

Terminal Strength: $\geq 60N$

Operating Life: ≥ 6000 cycles

Withstand Voltage: Between all terminals:2500V AC (50-60Hz)1min

Terminals to Base:3750V AC (50-60Hz)1min

Leakage Current :1mA

Insulation Resistance: $\geq 100M\Omega$ 500V DC

A4				普通公差		LECI 乐磁电子有限公司							
A3				COMMON TOLERANCE :		LECI ELECTRONICS CO.,LTD							
A2				UP TO 5	±0.20	单 位	mm	投 影		品 名	Ac Inlet C14型	比 例	Free
A1				ABOVE 5 TO 30	±0.30	绘 图	吴 瑜	核 对		型 号	LC-06		
				ABOVE 30	±0.50	日 期		核 准		图 号			
REV.	DATE	REVISION DESCRIPTION	ISSUE	ANGULAR	±5°	2010.09.08	2010.09.08	核 准		图 号	LECI/10LC06		

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产品型号Model No: LC-06		规格书Specification		页码Page No：1/2	
额定值Rating		13A 250VAC			
1	概述				
	1.1适用范围 Application	此规格书适应电子及电器设备上的插座 This specification is applied to Socket used for electronic equipment and appliance			
	1.2适应温度 Application Temperature	-10~85℃			
	1.3测试条件 Test Condition	环境温度Temperature 0-85℃ 相对湿度Humidity ≤95% 气压Air pressure 86Kpa-106Kpa			
2	外观Appearance		应有良好的成形，无锈蚀，无裂纹和电镀剥落 Shouled have good finishing and no rust,crack or plating failures		
3	结构Construction		见附件图面See the figure		
4	电气性能Electrical Performance				
	4.1.接触电阻Contact Resistance	在无负载条件下，操作数次后，用电压降法，以1A，5V DC进行测试 Shall be measured at 1A 5V DC by voltage drop method after some operations without load		≤30mΩ	
	4.2.绝缘电阻Insulation Resistance	测试电压:500V DC 1分钟±5秒 Test voltage: 500V DC 1min±5s 测度位置：在开路端子之间 在端子与基座之间 Test position:Between all terminals Between terminals and base		≥100MΩ 500V DC	
	4.3.耐电压 Withstand Voltage	在端子之间：2000V AC（50-60Hz）1分钟 在端子与外壳之间:3750V AC（50-60Hz）1分钟 漏电流：1mA Between all terminals:2000VAC（50-60Hz）1min terminals to Base:3750V AC（50-60Hz）1min Leakage Current：1mA		无击穿，飞弧现象 No dielectric breakdown shall occur	

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产品型号Model No: LC-06		规格书Specification	页码Page No: 2/2
5	机械性能Mechanical Performance		
	5.1. 插拔力Insert And Extract Force		1kgf~6kgf
	5.2. 端子强度Terminal Strength	60N的力垂直作用于端子顶部1分钟 A 60N shall be applied to the top of terminal in a desired direction for 1min	端子无松动损坏并符合第4项要求 Terminal can't looseness, damage and breakage ,and according to item 4
	5.3. 耐振性Vibration	10-55Hz, 全振幅 11.5mm 10-55Hz Total amplitude 3方向各2小时 3 Direction for 2h each	不应有外观变形和动作异常现象, 并应符合第4项的要求 No abnormalities shall be observed in appearance and operation.and according to item 4
	5.4. 可焊性Solder Ability	230 ± 10℃ 3±1sec	浸渍部分≥75%的面积有焊锡 More than75%
	5.5. 耐焊性Withstand Soldering Heat	锡炉式Dip Soldering 260±10℃ 3±1sec 手焊式Manual Soldering 350±10℃ 5±1sec	不应有外观变形和动作异常现象, 并应符合第4项的要求 No abnormalities shall be observed in appearance and operation.and according to item 4
6	耐久性能Durability Performance		
	6.1. 动作寿命Operating Life	6000 cycles	功能正常Function properly 绝缘电阻Insulation Resistance 10MΩ MIN
	6.2. 耐寒性 Cold Endurance	-20±2℃ For 96h	耐压符合4.3项
	6.3. 耐热性 Heat Endurance	85±2℃ For 96h	Withstand Voltage according to item4.3
	6.4. 耐湿性 Humidity Endurance	40±2℃ 90-95%RH For 168h	不应有外观变形和动作异常现象, No abnormalities shall be observed in appearance and operation

注意事项 Note

- 1 应避免使用液态焊剂,否则易腐蚀.

Use of water-soluble soldering flux shall be avoided because it may cause corrosion

- 2 如长期储存超过6个月以上, 应用塑料袋将产品密封, 且放在阴暗干燥处

If stored more than 6 months ,Production must be in a plastic bag and stored in a place of cool and dark