

LEOCO CORPORATION		PRODUCTION SPECIFICATION		No.	S-01-7616-5
* P.C.B. Mount Telephone Jack Series Connector *					
<p>This product specification contain the test method, the general performance and requirements for P.C.B. mount telephone jack with 7610.7616.7617.7621.7622.7623.7624.7625.7627.7628.7630 and 7631 series for interfacing with 6611 series standard modular telephone jack.</p>					
<p>1. Construction and dimensions shall be in accordance with the referenced drawings.</p> <p>2. Characteristics 特性:            Current rating 额定电流: 1.5 A AC/DC            Voltage rating 额定电压: 125 V AC/DC            Temperature rating 额定温度: - 25°C~+105°C</p> <p>3. Electrical performance 电气性能:</p>					
Item 项目	Description 内容	Test Method & Condition 测试方法及条件		Requirement 需求	
3.1	Contact Resistance 接触阻抗	It should be tested in accordance with method EIA-364-23.		Initial: 20mΩ max. After environmental Test: 40 mΩ max.	
3.2	Insulation Resistance 绝缘阻抗	It should be tested in accordance with method EIA-364-21.		Initial: 1000MΩ min . After humidity and thermal shock test :500 MΩ min.	
3.3	Dielectric Withstanding Voltage 耐电压	Unmated connector shall be tested in accordance with method EIA-364-20. When the AC 500 V rms for one minute applied between adjacent contacts.		No evidence of break-down and flashover.	
4. Mechanical Performance :					
Item 项目	Description 内容	Test Method & Condition 测试方法及条件		Requirement 需求	
4.1	Insertion and Withdrawal Forces 插拔力	Insert and Withdraw connectors at the speed rate of 25mm per minute. Connector locking device depressed		Insertion Force: 3.0 kgf max. Withdrawal Force: 3.0 kgf max.	
4.2	Plug retention Force Plug 保持力	Mating connectors at maximum rate 25mm per minute and measure the force required to unmate connector		5.0 kgf min.	
4.3	Durability 耐久性	It should be tested in accordance with method EIA-364-09. Connector shall be subjected to 750 cycles of insertion and withdrawal.		No defects. Contact resistance Shall be 40mΩ max.	

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Item 项目	Description 内容	Test Method & Condition 测试方法及条件		Requirement 需求	
4.4	Vibration 振动测试	The connector mated PCB shall be vibrated in accordance with method EIA-364-28. There shall be no current Discontinuity longer than 1microsecond during the test. Frequency: 10-55-10 Hz/min. Amplitude : 1.52mm Period: 2 hours for each direction.		No evidence of loosening of parts or electric discontinuity. Contact resistance less than twice of initial.	
5. Environmental Performance 环境性能 :					
Item 项目	Description 内容	Test Method & Condition 测试方法及条件		Requirement 需求	
5-1	Humidity 耐湿性	The unnamed connector shall be tested in accordance with method EIA-364-31: Temperature: 40±2°C. Humidity : 90~95% (RH) Period: 96 hours.		No damage Contact resistance less than twice of initial. Insulation resistance: To pass parameter 3-2. Dielectric withstanding Voltage: to pass parameter 3-3.	
5-2	Thermal Shock 冷热冲击	Connector shall be subjected to thermal shock cycling in accordance with method EIA-364-27. One cycle consists of: -25°C for 30 minutes. +105°C for 30 minutes. Times of cycle: 25 cycles.		No damage Contact resistance less than twice of initial. Insulation resistance: To pass parameter 3-2. Dielectric withstanding Voltage: To pass para3-3.	
5-3	Salt Spray 盐雾测试	Connect shall be tested in accordance with method EIA-364-26 . Temperature :35±2°C Density :5% in weigh Period :24 hours		No damage。 Contact resistance less than twice of initial	
5-4	Solder ability 着锡性	Connector termination ends shall be checked for solder ability in accordance with method EIA-364-252. Solder temperature : 245±5°C Immersion period :5±0.5 sec.		No damage Mininum:95% of Immersed area.	
5-5	Resistance to Soldering heat 耐高温测试	Specimen shall be mounted on PCB. Solder temperature: 260±5°C Immersion period: 5±5 sec		No damage and deformation	
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