

LEOCO CORPORATION	PRODUCTION SPECIFICATION	No.	S-98-7605-3
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\* P.C.B.Ganged Jack Series Connector \*

This product specification contains the test method ,the general performance and requirements for Leoco 7604 and 7605 series PCB ganged jack system.

1. Construction and dimensions shall be in accordance with the referenced drawings.

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

3. Electrical performance 电气性能:

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 3004.1 of MIL-STD-1344A	20 mΩ max
3.2	Insulation Resistance 绝缘阻抗	It should be tested in accordance with method 3003.1 of MIL-STD-1344A	1000 mΩ min
3.3	Dielectric withstanding voltage 耐电压	Unmated connector shall be tested in accordance with method 3001.1 of MIL-STD-1344A When the AC 500 V rms for one minute applied between adjacent contacts.	No evidence of breakdown and flashover

4. Mechanical Performance 机械性能:

Item 项目	Description 内容	Test Method & Condition 测试方法及条件	Requirement 需求
4.1	Insertion force 插入力	Telephone jack mating telephone plug at speed of 25 mm/minute.	2-Contacts—350 gram 4-Contacts—500 gram 6-Contacts—750 gram 8-Contacts—900 gram (max)
4.2	Withdrawal force 拨出力	Telephone jack pull out from telephone plug at speed of 25 mm/minute.	7.7 kgf min
4.3	Durability 耐久性	It should be tested in accordance with method 2016 of MIL-STD-1344A . connectors shall be subjected to 100 cycles of insertion and withdrawal.	No defects. Contact resistance shall be 20 MΩ max

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 unmated connector shall be tested in accordance with method 1002.2 of MIL-STD-1344A test procedure type I condition B. Temperature: 40±2℃ 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	Salt spray 盐雾测试	Connector shall be tested in accordance with method 1001.1 of MIL-STD-1344A condition B. Temperature: 35±2℃ Density: 5% in weight. Period: 48 hours.	No damage. Contact resistance less than twice of initial.
5.3	Solderability 着锡性	Connector termination ends shall be checked for solderability in accordance with method 208 of MIL-STD-202F. Solder temperature : 245±5℃ Immersion period :5±0.5 sec.	No damage. Minimum: 95% of immersed area.
5.4	Resistance to soldering heat 耐高温测试	Specimen shall be mounted on PCB. Solder temperature : 260±5℃ Immersion period :5±0.5 sec.	No damage and information

APPR BY :	CHKD BY :	SPEC BY :
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