

LEOCO CORPORATION	PRODUCTION SPECIFICATION	No.	S-10-1409-1
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* SFP 1 by 1 Connector with SMT Type *

This specification covers performance, tests and quality requirements for SFP 1 by 1 Connector with SMT Type.

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

产品结构 and 尺寸依据所提的产品图面

2. Characteristics 特性:

Current rating 额定电流: Signal application only

Voltage rating 额定电压: 120V AC/DC

Temperature rating 额定温度: -55°C ~ +105°C

3. Electrical performance 电气特性:

Item 项目	Description 内容	Test Method & Condition 测试方法及条件	Requirement 要求
3-1	Contact Resistance 接触阻抗	EIA-364-23. Subject mated specimens to 100 milliamperes maximum and 20 millivolts maximum open circuit voltage..	20 MΩ max.
3-2	Insulation Resistance 绝缘电阻	EIA-364-21. 300 volts DC. Test between adjacent contacts of unmated and unmounted specimens.	1000 MΩ min.
3-3	Dielectric Withstanding Voltage 耐电压	EIA-364-20, Condition I. 300 volts AC at sea level. Test between adjacent contacts of unmated and unmounted specimens.	300 V AC/min

4. Mechanical Performance 机械特性

Item 项目	Description 内容	Test Method & Condition 测试方法及条件	Requirement 要求
4-1	Transceiver insertion force. 收发器插入力	EIA-364-13. Measure force necessary to mate specimens at a maximum rate of 12.7 mm [.5 in] per minute with cage latch	40N Max
4-2	Transceiver extraction force. 收发器拔出力	EIA-364-13. Measure force necessary to mate specimens at a maximum rate of 12.7 mm [.5 in] per minute with cage latch	11.5N max
4-3	Durability 耐久性	EIA-364-9. Mate and unmate specimens for 100 cycles at a maximum rate of 500 cycles per hour with cage latch operable.	100 CYCLES MIN

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5. Environmental Performance 环境特性：

Item 项目	Description 内容	Test Method & Condition 测试方法及条件	Requirement 要求
5-1	Thermal shock. 热冲击	EIA-364-32, Test Condition VII. Subject mated specimens to 5 cycles between -55° C and 105° C.	No damage
5-2	Humidity-temperature cycling. 耐湿性测试	EIA-364-31, Method III. Subject mated specimens to 10 cycles (10 days) between -55° C and 105° C at 80 to 100% RH.	No damage Contact resistance less Than twice of initial.
5-3	Temperature life. 老化寿命	EIA-364-17, Method A, Test Condition 4. Subject mated specimens to 105° C for 300 hours.	No damage
5-4	Solder Resistance 耐焊锡热	Evaluate under reflow Soldering condition: Preheating: 150±10°C, 120±10S Soldering: 260±5°C, 5±0.5S	Without plating discoloration or flaking.

APPR BY: Henry 2011.06.21 CHKD BY: Topmoon 2011.06.21 SPEC BY: Tako 2011.06.21