

LEOCO CORPORATION		PRODUCTION SPECIFICATION	No.	S-04-2636-1
2636 SERIES ZIF FPC CONNECTOR SYSTEM This specification describes the characteristics, test condition and particular sanctions applicable to LEOCO 2636 series Connector socket.				
. 1. Electrical performance 电气特性:				
ITEM 项目	DESCRIPTION 内容	TEST CONDITION 测试条件	REQUIREMENT 需求	
1.1	Rated voltage And current 额定电压电流	—	AC 200V 1A DC 200V 1A	
1.2	Contact Resistance 接触阻抗	Dry circuit of DC 50mV 50mA max.	30 miliohms max.	
1.3	Dielectric Strength 耐电压	When applied AC 500V 1 minute between adjacent terminal	No change	
1.4	Insulation Resistance 绝缘阻抗	When applied DC 500V between adjacent terminal or ground	1000 Megaohms min.	
2. Environmental Performance :				
ITEM 项目	DESCRIPTION 内容	TEST CONDITION 测试条件	REQUIREMENT 需求	
2.1	Temperature Rise 升温测试	Then carried the rated current	30 Deg. C max.	
2.2	Vibration 振动性	1.5mm 10-55-10HZ/minute each 2 hours for X,Y and Z directions	Discontinuity:1 micro second max. Appearance:no damage	
2.3	Shock 冲击性	50G, each 3 times for X,Y and Z directions Appling 0-1 A-DC	Discontinuity:1 micro second max. Appearance:no damage	
2.4	Solderability 可焊性	Soldering time: 5+/-0.5 second. Soldering pot: 230+/-5 Deg C	Mininum:75% of Immersed area.	

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2.5	Resistance to Soldering heat 耐高温焊接	Solder time: 5+/-0.5 second. Solder pot: 260+/-5 Deg. C	No damage	
2.6	Heat aging 热老化测试	85+/-2 Deg.C.,500 hours	No damage	
2.7	Humidity 耐湿性	40+/-2 Deg.C, 90-95% RH, 96 HRS Measurement must be Taken within 30 min.after tested	Contact resistance: Less than twice of initial.	
			Dielectrice strength: To pass para 1-3	
			Appearance: No damage	
2.8	Temperature Cycling 温度循环测试	One cycle consists of: (1)-25+/-3 Deg. C 30 min. (2)Room Temp. 10-15 min. (3)85+/-2 Deg. C 30 min. (4) Room Temp. 10-15 min.	Appearance: No damage	
			Contact resistance: Less than twice of inital	
3.AMBIENT TEMPERATURE RANGE 温度范围: -25 TO +85 degree C.				
4.CONSTRUCTION AND DIMENTIONAL 结构与尺寸: See attached drawings.				