

LEOCO CORPORATION	PRODUCTION SPECIFICATION	No.	S-18-0500	REV	1																
<p><b>* 0500(TOP ENTRY SMT TYPE)SERIES CONNECTER SYSTEM *</b></p> <p>This specification contains the testing methods, the general performance and requirement for interconnection system connector which applied to 0.50mm (.020")ZIF/FPC series connector.</p>																					
<p>1. Constructions and dimensions shall be in accordance with the drawings attached. 产品结构 and 尺寸依据所提的产品图面</p>																					
<p>2. Characteristics 特性:</p> <p>Current rating 额定电流: 0.5A AC/DC Voltage rating 额定电压: 50V AC/DC Temperature rating 额定温度: -25°C to +85°C.</p>																					
<p>3. Electrical performance 电气特性:</p> <table border="1"> <thead> <tr> <th>Item 项目</th> <th>Description 内容</th> <th>Test Method &amp; Condition 测试方法及条件</th> <th>Requirement 要求</th> </tr> </thead> <tbody> <tr> <td>3-1</td> <td>Contact Resistance 接触阻抗</td> <td>It should be tested in accordance with method EIA-364-23A</td> <td>40 mΩ max.</td> </tr> <tr> <td>3-2</td> <td>Insulation Resistance 绝缘电阻</td> <td>It should be tested in accordance with method EIA-364-21B</td> <td>500MΩ min.</td> </tr> <tr> <td>3-3</td> <td>Dielectric Withstanding Voltage 耐电压</td> <td>Unmated connector shall be tested in accordance with methoEIA-364-20A.When the DC 200V rms for one minute applied between adjacent contacts.</td> <td>No evidence of break down and flash over.</td> </tr> </tbody> </table>						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	It should be tested in accordance with method EIA-364-23A	40 mΩ max.	3-2	Insulation Resistance 绝缘电阻	It should be tested in accordance with method EIA-364-21B	500MΩ min.	3-3	Dielectric Withstanding Voltage 耐电压	Unmated connector shall be tested in accordance with methoEIA-364-20A.When the DC 200V rms for one minute applied between adjacent contacts.	No evidence of break down and flash over.
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5-2	Thermal shock 热冲击性	Connector shall be subjected to thermal shock cycling in accordance with EIA-364-32B One cycle consists of: +85°C ± 3°C for 30 min. -25°C ± 2°C for 30 min. Time of cycle: 5 cycles		No defect. Contact resistance less than twice of initial.			
5-3	Solder ability 可焊性	Connector termination end shall be checked for solder ability in accordance with method EIA-364-52 Solder temperature: 245 ± 5°C Immersion period: 5 ± 0.5 sec		No damage. Minimum: 90% of immersed area.			
5-4	Resistance to Soldering Heat 耐高温焊接	When reflowing Repeat paragraph 6, condition two times. Specimen shall be mounted on PCB. Solder temperature: 260 ± 5°C Immersion period: 5 ± 0.5 sec		No damage and deformation.			
5-5	Salt Spray 盐雾试验	Connector shall be tested in accordance with method EIA-364-26. Temperature: 35 ± 2 °C Density: 5 % in weight. Period: 24 hours.		No damage Contact resistance: Less than twice of initial.			
APPROVED BY: Chard 18.12.10		CHECKED BY: Angel 18.12.10		SPEC BY: Spring 18.12.10			