瀚荃股份有限公司
CviLux Corporation

ENGINEERING DEPT.	PRODUCT SPECIFICATION For 2.50mm Wire Holder Connector System	SPEC.NO.: SPCI021D PAGE: 1 / 2

1. SCOPE:
   This specification contains the test requirement of subject wire holder connectors when tested under the condition and below standards base on CviLux test procedure

2. APPLICABLE STANDARDS:
   MIL - STD - 202 Methods for test of connectors for electronic equipment
   MIL - STD - 1344 Test methods for electrical connectors

3. APPLICABLE SERIES NO.: CI91 Series

4. SHAPE, CONSTRUCTION AND DIMENSIONS
   See attached drawings

5. MATERIALS
   See attached drawings

6. ACCOMMODATED P.C.BOARD
   6.1 Thickness: 1.6 mm (.063″)
   6.2 P.C. Board Layout: See attached drawings

CVILUX.CORP
2001.12.17
ISSUED

REVIEWED : Alex APPROVED : David VERIFIED : Rita .

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7. ELECTRICAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
7.1	Rated current and voltage		3A 250V AC (r.m.s.)
7.2	Dielectric strength	When applied AC 1000V1minute between adjacent terminal	No change
7.3	Insulation resistance	When applied DC 500V between adjacent terminal or ground	More than 1000 MΩ

8. MECHANICAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
8.1	Wire retention force	Pull wire from insulator housing at speed 25±3mm per minute	More than 200 gram

9. ENVIRONMENTAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
9.1	Resistance to soldering heat	Soldering time: 5 ± 0.5 second Soldering pot: 260 ± 5°C	No damage
9.2	Heat resistance	85± 2°C, 96 hours	No damage
9.3	Humidity	40± 2°C, 90-95% RH, 96 hours measurement must be taken within 30 min. after tested	Appearance: No damage Dielectric strength: To pass para 7-2
9.4	Temperature cycling	One cycle consists of : (1) -55^{+0}_{-3} °C , 30 min. (2)Room temp. 10-15 min. (3) 85^{+3}_{-0} °C , 30 min. (4)Room temp. 10-15 min.	No damage

10. AMBIENT TEMPERATURE RANGE : -25 to + 85°C