瀚荃股份有限公司
CviLux Corporation

ENGINEERING DEPT.	**PRODUCT SPECIFICATION** **For CJCL Series** **Board Mound Telephone Jack**	**SPEC.NO.: SPCJ066A** **PAGE: 1 / 3**

1. SCOPE:
   This specification contains the test requirement of subject 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.: CJCL88AB1D2

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
2015.08.27
ISSUED

REVIEWED : Eisley APPROVED : Eisley VERIFIED : Sandy .

7. ELECTRICAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
7.1	Rated current and voltage		1.5 A Max 150 V AC (r.m.s.)
7.2	Contact resistance	Open circuit of DC 20 mV max. 100 mA Max. EIA-364-23B	Less than 20 mΩ (Initial) Less than 30 mΩ (Final)
7.3	Dielectric strength	Input to Output 1000V AC / 60 sec Current leakage: 1 mA max. EIA-364-20B	No change
7.4	Insulation resistance	When applied DC 500 V between adjacent terminal or ground EIA-364-21C	More than 1000 MΩ

8. MECHANICAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
8.1	Durability	Mate and unmated for 750 cycles Operation Speed : 25mm / min EIA-364-09C	Appearance: No damage
8.2	Mating force	Measure force to mate samples at speed 25±3mm per minute with plug latch depressed EIA-364-13B	8 contacts: 2.24 Kgf (22 N) Max.

9. ENVIRONMENTAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
9.1	Humidity test	At a temperature of 40±2°C and relative humidity of 90-95% for 8 hours EIA-364-31B	Appearance: No damage
9.2	Temperature Life	Exposing in a heat chamber at a temperature of 105±5°C for 8 hours EIA-364-17B	Appearance: No damage Dielectric strength: To pass para 7-3 Insulation resistance: To pass para 7-4

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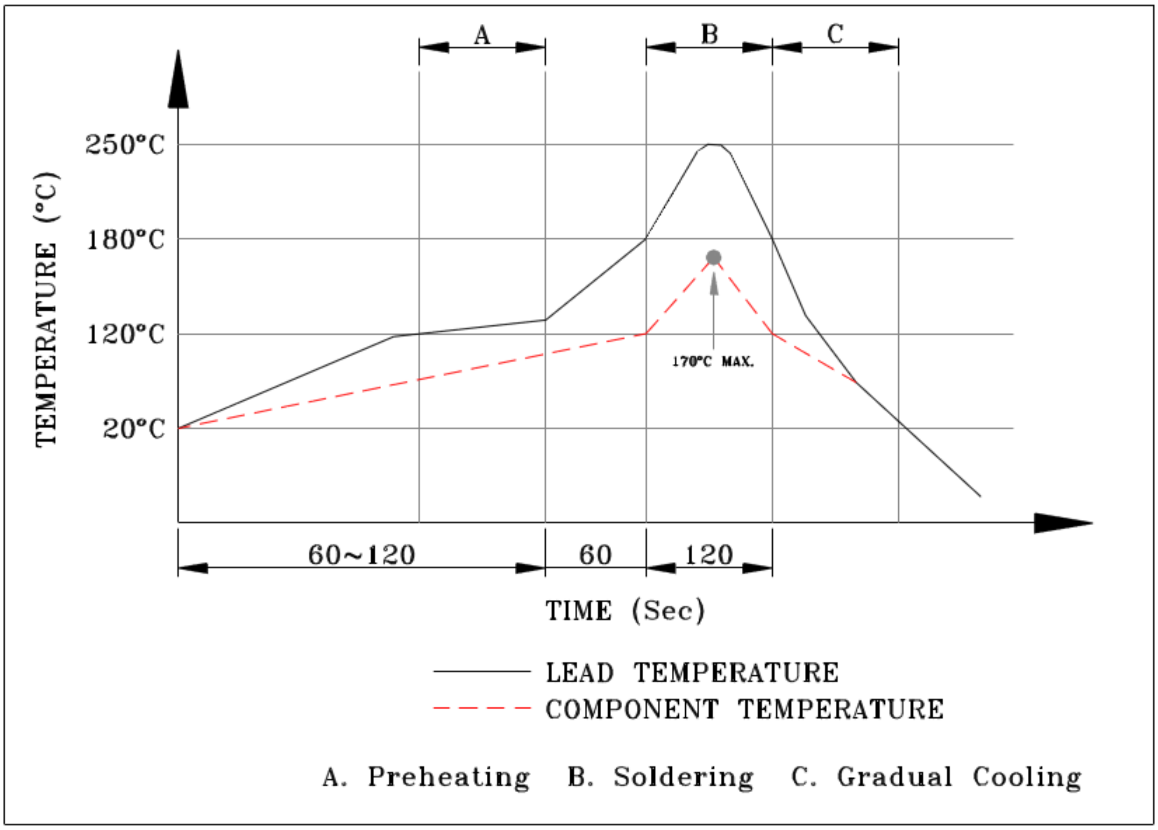
	ITEM	TEST CONDITION	REQUIREMENT
9.3	Salt spray	Temperature: 35±2°C Solution: 5±1% Spray time: 8 hours After test, rinse the sample with water and recondition the room temperature for 1 hour. EIA-364-26B	Appearance: No damage
9.4	Solder ability	Soldering time: 5±0.5 second Soldering pot: 245± 5°C	Minimum: 95% of immersed area
9.5	Resistance to soldering heat	Recommend Wave Soldering Profile (11.)	No damage

10. OPERATING TEMPERATURE RANGE: -40 to + 85°C

11. Recommend Wave Solder Profile



SUGGESTED WAVE SOLDER CURVE

(1) Tip temperature : 250±10°C
(2) Tip temperature time : 5sec max
* The melting point of Tin:183°C