



<b>ENGINEERING</b> <b>DEPT.</b>	<b>PRODUCT SPECIFICATION</b> <b>For CJP1 Telephone Modular Plug</b>	<b>SPEC.NO.: SPCJ012B</b> <b>PAGE: 1 / 2</b>
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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.: CJP1 Series

4. SHAPE, CONSTRUCTION AND DIMENSIONS

See attached drawings

5. MATERIALS

See attached drawings

6. APPLICABLE CABLES

Plugs available for stranded or solid conductor from AWG #24~#26  
With shielded and fits round or flat-oval cable



REVIEWED : Alex    APPROVED : David    VERIFIED : Rita .

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#### 7. ELECTRICAL PERFORMANCE:

	ITEM	TEST CONDITION	
7.1	Rated current and voltage		1.5A 125V AC (r.m.s.)
7.2	Contact resistance	Dry circuit of DC 20 mV max. 100 mA max.	Less than 25 mΩ
7.3	Dielectric strength	When applied AC 1000 V 1 minute between adjacent terminal	No change
7.4	Insulation resistance	When applied DC 500 V between adjacent terminal or ground	More than 500 MΩ

#### 8. MECHANICAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
8.1	Cable-to-plug Tensile Strength	Speed 25± 3 mm per minute	More than 7.6 Kgf
8.2	Durability	Connector shall be subjected to 200 cycles of insertion and withdrawal	Contact resistance: Less than twice of initial

#### 9. ENVIRONMENTAL PERFORMANCE:

	ITEM	TEST CONDITION	REQUIREMENT
9.1	Humidity	40±2°C, 90-95% RH, 96 hours measurement must be taken within 30 min. after tested	Appearance: No damage Contact resistance: Less than twice of initial Dielectric strength: To pass para 7-3
9.2	Salt spray	Temperature: 35±3°C Solution: 5±1% Spray time: 48±4 hours Measurement must be taken after water rinse	Appearance: No damage Contact resistance: Less than twice of initial

#### 10. AMBIENT TEMPERATURE RANGE: -40 to + 60°C