

1. PVC FLEXIBLE CORD

1.1 SCOPE

This specification shall be in accordance with **EN 50525-2-11** 、 **AS 3191**

1.2 CONSTRUCTION

CONDUCTOR	ANNEALED COPPER WIRE
INSULATION	PVC (Blue, Brown, Green/Yellow) MEAN VALUE OF THICKNESS : MIN.0.6mm
SHEATH	PVC MEAN VALUE OF THICKNESS : MIN.0.8mm

ITEM		UNIT	SPEC.VALUE
RATED VOLTAGE (U ₀ /U)		V/V	300/500
NO.OF CORE		NO.	3
CONDUCTOR	NOMINAL AREA	mm ²	0.75
	CONSTRUCTION	NO/mm	30/0.18 or 24/0.2
THICKNESS OF INSULATION		Mm	0.6
THICKNESS OF SHEATH		Mm	0.8
OVERALL DIAMETER		Mm	6.8±0.2
CONDUCTOR RESISTANCE (AT 20°C)		Ohm/km	26.0 Max.
TEST VOLTAGE		V/min	2000/15

1.3 SOURCE FOR FLEXIBLE CORD

☆ RHYTHM

☆ I-SHENG

2. PLUG

2.1 SCOPE

The plug shall be in accordance with Australian Standard, AS3112,, approval and test specification -plug and socket-outlets.

2.2 CONSTRUCTION

The plug construction shall be in accordance with our Catalogue NO.LT-423 Australian Type

2.3 CHARACTERISTICS

NO	TEST ITEM	SPEC.VALUE	TEST RESULTS
1.	Moisture resistance test	Samples are kept in a humidity cabinet containing air with a relative humidity between 91 to 95% and a temperature of 20-30°C for a duration of 48 hours	No damage
2.	Electric strength test	A voltage of A.C. 3500V is applied for 1min. After the moisture resistance test.	No flashover and breakdown
3.	Insulation resistance test	This test is measured with a D.C. 500V after the moisture resistance test.	Min. 5 M Ohm
4.	Bending test	The samples shall be loaded with a weight of 10N(1.02kg)and the oscillating number shall be moved backward and forward through an angle of 90°(45°on either side of the vertical)the number of flexing being 10,000.Then rated current of plug is pass through the conductors. After the test, the voltage drop shall not exceed 10mv.	No damage
5.	Tumbling test	The samples are drop from a height of 50cm onto a plate (3mm thick) for a total of 1000 times.	No damage

3. CONNECTOR

3.1 SCOPE

The connector shall be in accordance with Australian Standard AS 3109-., approval and test specification-appliance coupler.

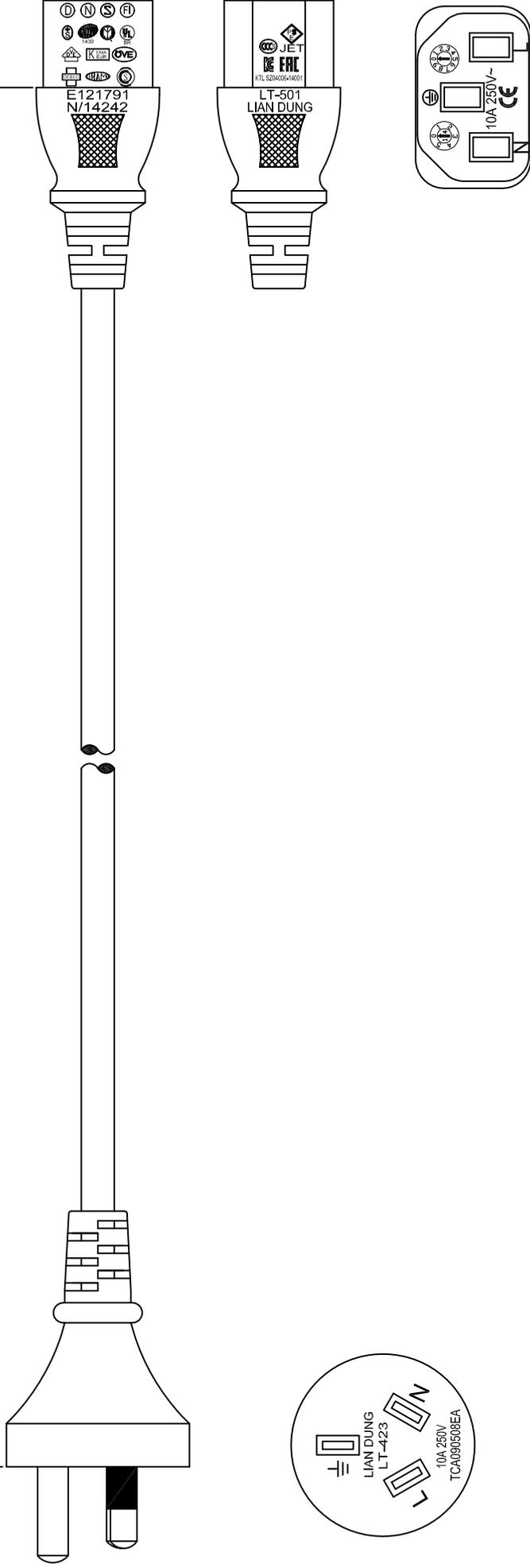
3.2 CONSTRUCTION

The connector construction shall be in accordance with our Catalogue NO.LT-501

3.3 CHARACTERISTICS

NO	TEST ITEM	SPEC.VALUE	TEST RESULTS
1.	Moisture resistance test	Samples are kept in a humidity cabinet containing air with a relative humidity between 91 to 95% and a temperature of 20-30°C for a duration of 48 hours	No damage
2.	Electric strength test	A voltage of A.C. 2000V is applied for 1min. After the moisture resistance test.	No flashover and breakdown
3.	Insulation resistance test	This test is measured with a D.C.500V after the moisture resistance test.	Min. 5 M Ohm
4.	Withdrawal force test	Insert the connector into inlet and withdraw the connector while measuring the strength.	1-5 kgf
5.	Bending test	The sample shall be loaded with a weight of 10N(1.02kg)and the oscillating number shall be moved backward and forward through an angle of 90°(45°on either side of the vertical)the number of flexing being 20,000.	No damage
6.	Tumbling test	The samples are drop from a height of 50cm onto a steel plate (3mm thick) for a total of 1000 times.	No damage

1800±50

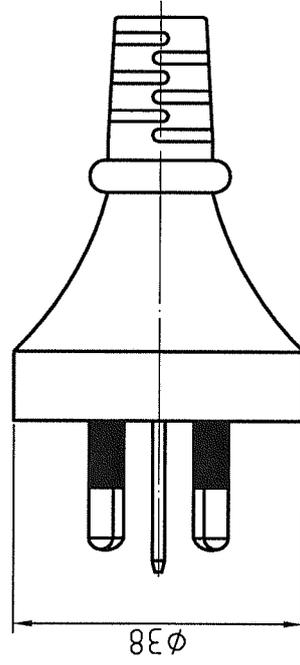
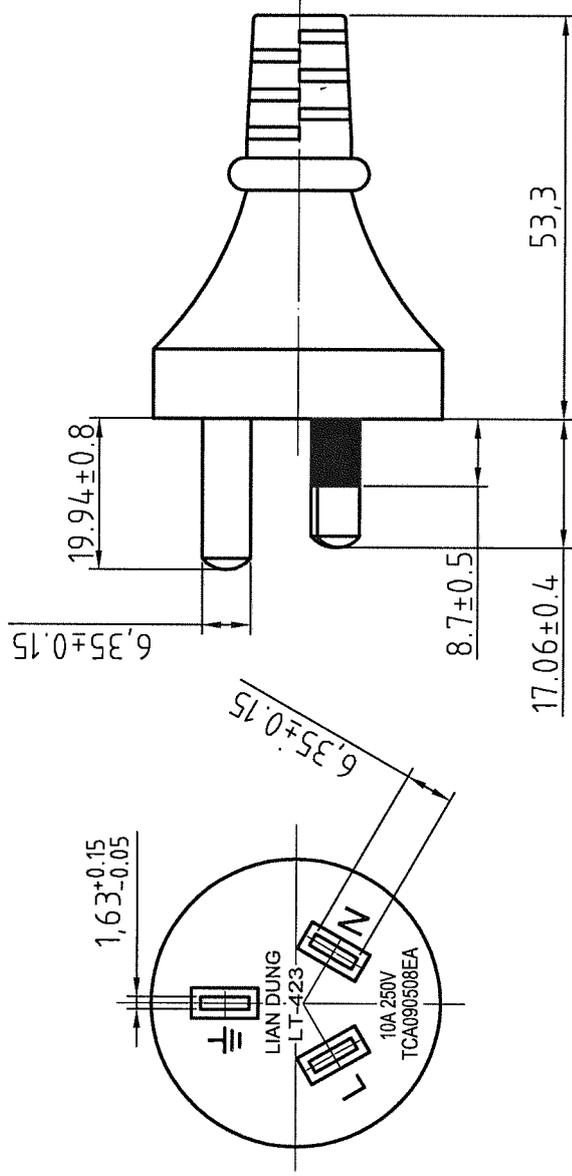


NOTE :

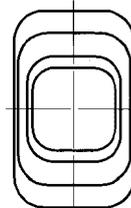
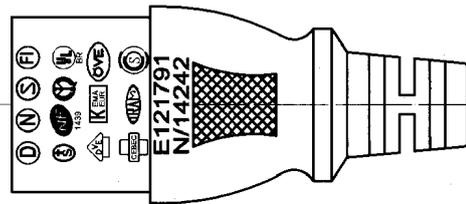
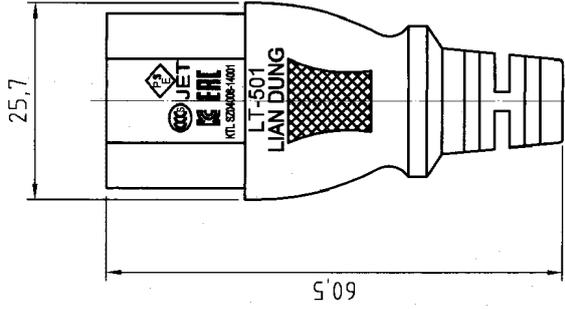
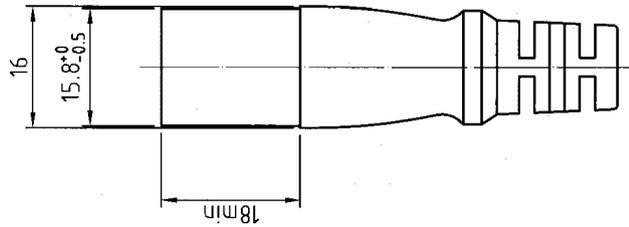
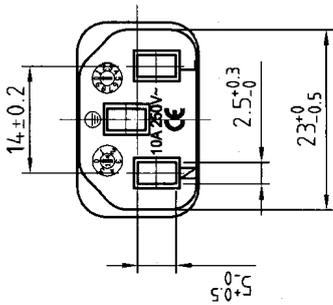
1. PLUG : LT-423 AUSTRALIA TYPE
2. CONNECTOR : LT-501 IEC-320 C13
3. CORD : H05VV-F 3G0.75mm² BLK、WHT 1.8m
4. APPROVALS : SAA
5. 客戶名稱 : TME
6. 線材廠商 : RHYTHM, 1-SHENG
7. P/N : SN27-3/07/1.5BK SN27-3/07/1.5WH

3.			DATE	18/03/15	TITLE	LT-423+501
2.			APPROVE	1	Dr.No.	1070341
1.			比例		TOL.	±5mm
PART	DESCRIPTION	DATE	ALL DIMENSIONS IN mm			

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ELECTRIC WIRE MATERIAL CO.,LTD.
聯東電線材料股份有限公司



PART	DESCRIPTION	DATE	DRAWER	DATE	TITLE	LT-423
1.			蔡惠菁	09/11/21	Dr.No.	C423001
2.			林明宗	REV.	TOL.	$\pm 1.2\text{mm}$
3.				比例	ALL DIMENSIONS IN mm	
				1:1		



PART	DESCRIPTION	DATE	DRAWER	DATE	REV.	TITLE	LT-501-環球
1.			葉惠菁	15/12/08	2	Dr.No.	C501010
2.			APPROVE		比例	TOL.	±0.8mm
3.					1:1	ALL DIMENSIONS IN mm	


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