

SPECIFICATION



LIAN DUNG

ELECTRIC WIRE MATERIAL CO., LTD

聯東電線材料股份有限公司

APPROVED

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[http : //www.liandung.com.tw](http://www.liandung.com.tw)
E-mail : liandung@liandung.com.tw

客戶名稱：(CUSTOMER NAME)

TME

客戶料號：(CUSTOMER PART NO.)

SN28-3/14/1.0BK, SN28-3/14/1.0GY, SN28-3/14/1.0WH,
SN28-3/14/1.8BK, SN28-3/14/1.8GY, SN28-3/14/1.8WH,
SN28-3/14/3.0BK, SN28-3/14/3.0GY, SN28-3/14/3.0WH,
SN28-3/14/5.0BK, SN28-3/14/5.0GY, SN28-3/14/5.0WH

PLUG : LT-602+545

CORD : SJT 14AWG/3C 105D BK/GY/WH 1m/1.8m/3m/5m

ISSUE : LD-QA-1071116/1071117/1071118/1071119

DATE : MAR-29-2024

核	郭國財	審	曾群閔	製	鄭妃君
准		核		表	

I 、PVC FLEXIBLE CORD

1. SCOPE :

This specification is applied to Flexible Cord in accordance with
UL Standards 62 & 60320-1 and CSA Standards C22.2 No.49-06 & C22.2
No.60320-1

2. CONSTRUCTION AND DIMENSION :

2.1 Plug Connector: Catalogue No. LT-602 (UL/C-UL TYPE) ; UL File No. E 121791

Connector: Catalogue No.LT-545 ; UL File No. E 121791

2.2 Dimension of Flexible Cord

Conductor	Conductor size	14AWG X 3C
	Construction	41/0.26 No./mm
Insulation	Min. Thickness	0.69 mm
	Nominal Thickness	0.76 mm
	Color	Black, White, Green
Jacket	Min. Thickness	0.61 mm
	Nominal. Thickness	0.76 mm
	Color	BLK/GRY/WHT
Overall Diameter		9.2±0.2 mm

3 SOURCE FOR FLEXIBLE CORD

- I-SHENG
- RHYTHM
- WU LI

4. FLEXIBLE CORD CHARACTERISTICS :

4-1. Physical Properties :

- (1) Tensile strength of insulation as received :
Unaged : Min. Acceptable value 1500 Psi
After aging : Min. 70% of original
- (2) Elongation of insulation as received :
Unaged : Min. Acceptable value 100%
After aging : Min. 65% of original
- (3) Aging test temperature requires :
 - (a) $100\pm 1^{\circ}\text{C}$ x 168h for 60 °C PVC Compound
 - (b) $136\pm 1^{\circ}\text{C}$ x 168h for 105 °C PVC Compound

4-2. Heat Shock Test :

There shall be no crack on the surface of specimen after the specimen was wound to mandrell and subjected to the temperature at $121\pm 1^{\circ}\text{C}$ x 1h mandrell diameter 3.0mm.

4-3. Deformation Test :

Thickness of the specimen shall not decrease more then 50% of original value when the specimen submits to the temperature of $121\pm 1^{\circ}\text{C}$ x 1h under 400g weight load.

4-4. Low Temperature Test :

The specimen shall not show any cracks on the surface of the specimen at $-20\pm 2^{\circ}\text{C}$ x 4h.

4-5. Flame Test :

A vertical specimen shall not be flamed longer than 60s follow any of five 15 s applications of the test flame. The period between applications being (1) 15 s if the specimen ceases within 15 s or (2) the duration of the specimen flaming if the specimen flame persists longer than 15 s. The specimen shall not ignite combustible materials in its vicinity or damage more than 25% of the indicator flag during, between or after the five applications of the test flame.

4-6. Mechanical Strength Test :

The mechanical strength of the specimen shall result in no circuit or grounding conductor breaking when a force 150 lbf is applied along the longitudinal axis of the finished cord for 1 min °

II 、 CHARACTERISTICS OF POWER SUPPLY CORD

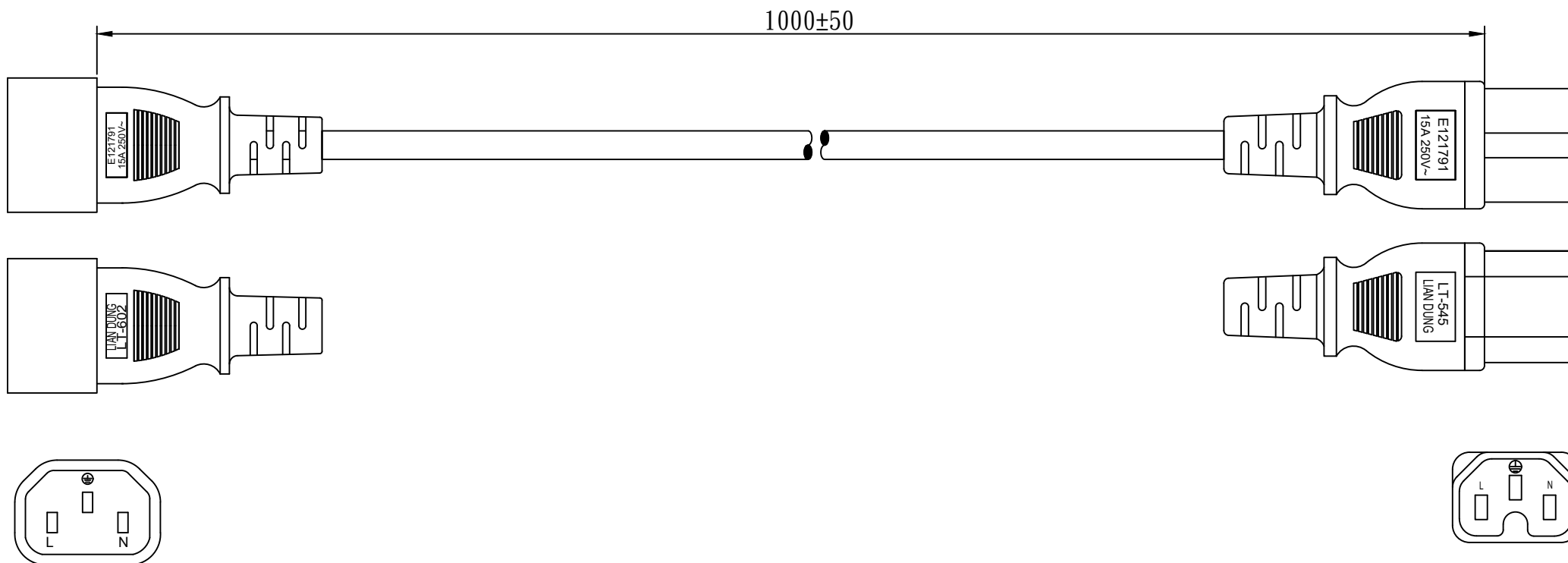
1. PLUG CONNECTOR

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℃ for a duration of 48 hours.	No damage
2.	Electric strength test	A voltage of A.C.2000V is applied for 2-3 sec. 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.	Normal operation test	The plug is inserted into and withdraw from the socket-outlets 5000 times at rated current. And they shall withstand an electric strength.	Withstand 1500v/1min
5.	Temperature rise test	An alternating current of 4A is passed through poles for 1 hours.	Max.45℃ any points
6.	Bending test	The sample shall be loaded with a weight of 20N(2.04kg) 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 at the rate of 60 cycles per minutes. Specimens with circular section flexible cables are turned through 90° in the oscillating member after 10,000 flexings.	No damage
7.	Tumbling test	The samples are dropped from a height of 50cm onto a steel plate (3mm thick) for a total of 1000 times.	No damage

8.	Cold impact test	The samples are kept in a refrigerator at a temperature of $-15\pm 2^{\circ}\text{C}$, for at least 16 hours. The samples are then allowed to fall by the hammer from a height of 10cm.	No damage
9.	Heat deformation test	The samples are kept for 1 hour in a heating cabinet at temperature of $100\pm 5^{\circ}\text{C}$.	No damage
10.	Heat pressure test	The samples are applied 20N(2.04kg) at a temperature of $80\pm 2^{\circ}\text{C}$ for 1 hr.	No damage
11.	Aging test	The samples are kept for 168 hours in a heating cabinet at temperature of $80\pm 2^{\circ}\text{C}$.	No damage
12.	Deformation resistance at higher temperature test	The test temperature is 70°C for 6 hours. The test weight is 1N(0.11kg). The diameter of the ball impression shall not be greater than 3mm.	No damage
13.	Pressure test	The samples are applied 300N(30.6kg) at a temperature of $20\pm 2^{\circ}\text{C}$ for 1min.	No damage

2. CONNECTOR


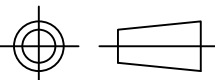
NO	TEST ITEM	SPEC. VALUE	TEST RESULTS
2-1	Moisture resistance test	Samples are kept in a humidity cabinet containing air with a relative humidity between 91 to 95% and a temperature of 20~30°C for a duration of 48 hours.	No damage
2-2	Electric strength test	A voltage of A.C.2000V is applied for 1 min. after the moisture resistance test.	No flashover and breakdown
2-3	Insulation resistance test	This test is measured with a D.C.500V after the moisture resistance test.	Min.5 M Ohm.
2-4	Flexing test	The samples shall be loaded with a weight of 20N(2.04kg) 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 at therate of 60 cycles per minutes. The rated current of plug is passed through the conductors. Specimens with circular section flexible cables are turned through 90° in the oscillating member after 10,000 flexings.	No damage
2-5	Tumbling test	The samples are drop from a height of 50cm onto a plywood base(10mm thick) for a total of 500 times	No damage
2-6	Cold test	The samples are kept in a refrigerator at a temperature of -15±2°C, for 16 hour.	No damage
2-7	Heat Deformation test	The samples are kept for 1 hour in a heating cabinet at temperature of 70±2°C.	No damage
2-8	Forces necessary to insert and to withdraw	Multi-pin gauge maximum : 50N The connector / appliance outlet did not remain in the appliance inlet / plug Single-pin gauge minimum : 1.5N The single pin gauge did not fall from the contact assembly within 3 s	< 50N > 1.5N

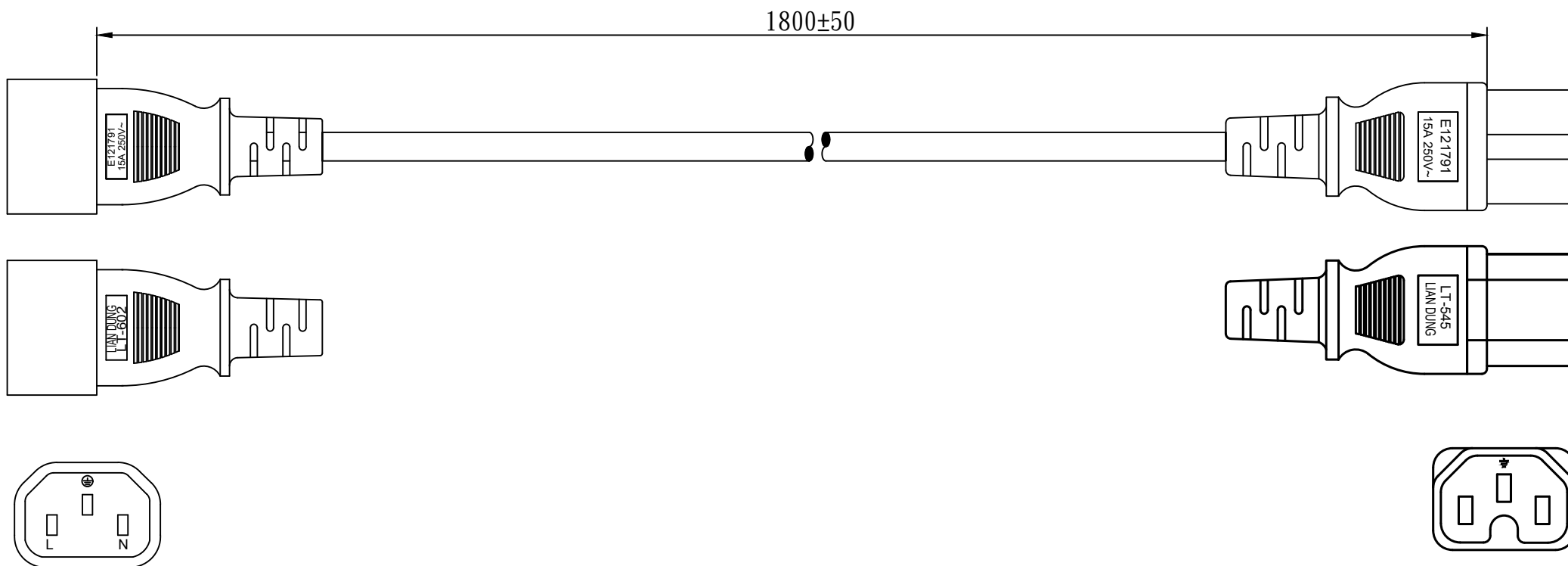


NOTE :

1. PLUG : LT-602 AMERICA TYPE
 2. CONNECTOR : LT-545 IEC-60320 C15
 3. Strain relief : NA
 4. CORD : SJT 14AWG/3C 105D BLK/GRY/WHT 1m
 5. APPROVALS : UL, C-UL
 6. CUSTOMER : TME
 7. Supplier for flexible cord : RHYTHM、WU LI、I-SHENG
 8. P/N : BK:SN28-3/14/1.0BK GRY:SN28-3/14/1.0GY WHT:SN28-3/14/1.0WH
- ※Customer drawing number : NA

修改履歷

△6			3. APPROVALS : UL, C-UL 6. CUSTOMER : TME 7. Supplier for flexible cord : RHYTHM、WU LI、I-SHENG 8. P/N : BK:SN28-3/14/1.0BK GRY:SN28-3/14/1.0GY WHT:SN28-3/14/1.0WH ※Customer drawing number : NA							
△5										
△4										
△3			DRAWER	廖柏昇	DATE	24/03/27	TITLE	LT-602+545	 LIAN DUNG ELECTRIC WIRE MATERIAL CO.,LTD. 聯東電線材料股份有限公司	
△2	線材規格增加白色和灰色1M並增加料號/更新 LT-602+545字版	24/03/27	APPROVE		REV.	2	Dr.No.	1071116		
△1	新增	18/11/07			比例		TOL.	±5mm		
REV.	DESCRIPTION	DATE					ALL DIMENSIONS IN mm			




NOTE :

1. PLUG : LT-602 AMERICA TYPE
 2. CONNECTOR : LT-545 IEC-60320 C15
 3. Strain relief : NA
 4. CORD : SJT 14AWG/3C 105D BLK/GRY/WHT 1.8M
 5. APPROVALS : UL, C-UL
 6. CUSTOMER : TME
 7. Supplier for flexible cord : RHYTHM、WU LI、I-SHENG
 8. P/N : BK:SN28-3/14/1.8BK GRY:SN28-3/14/1.8GY WHT:SN28-3/14/1.8WH
- ※Customer drawing number : NA

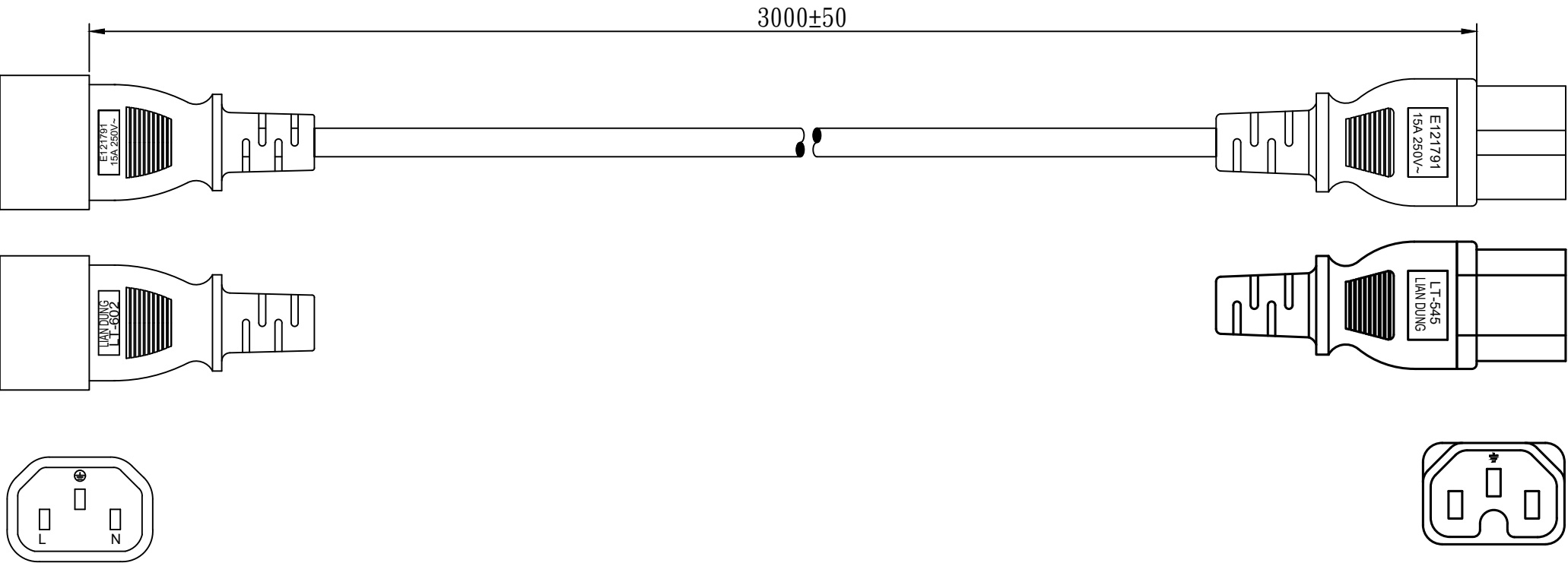
修改履歷

6		
5		
4		
3		
2	線材規格增加白色和灰色1.8M並增加料號/更新 LT-602+545字版	24/03/28
1	新增	18/11/07
REV.	DESCRIPTION	DATE

DRAWER	廖柏昇	DATE	24/03/28	TITLE	LT-602+545
APPROVE		REV.	2	Dr.No.	1071117
		比 例		TOL.	±5mm
				ALL DIMENSIONS IN mm	



LIAN DUNG
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聯東電線材料股份有限公司

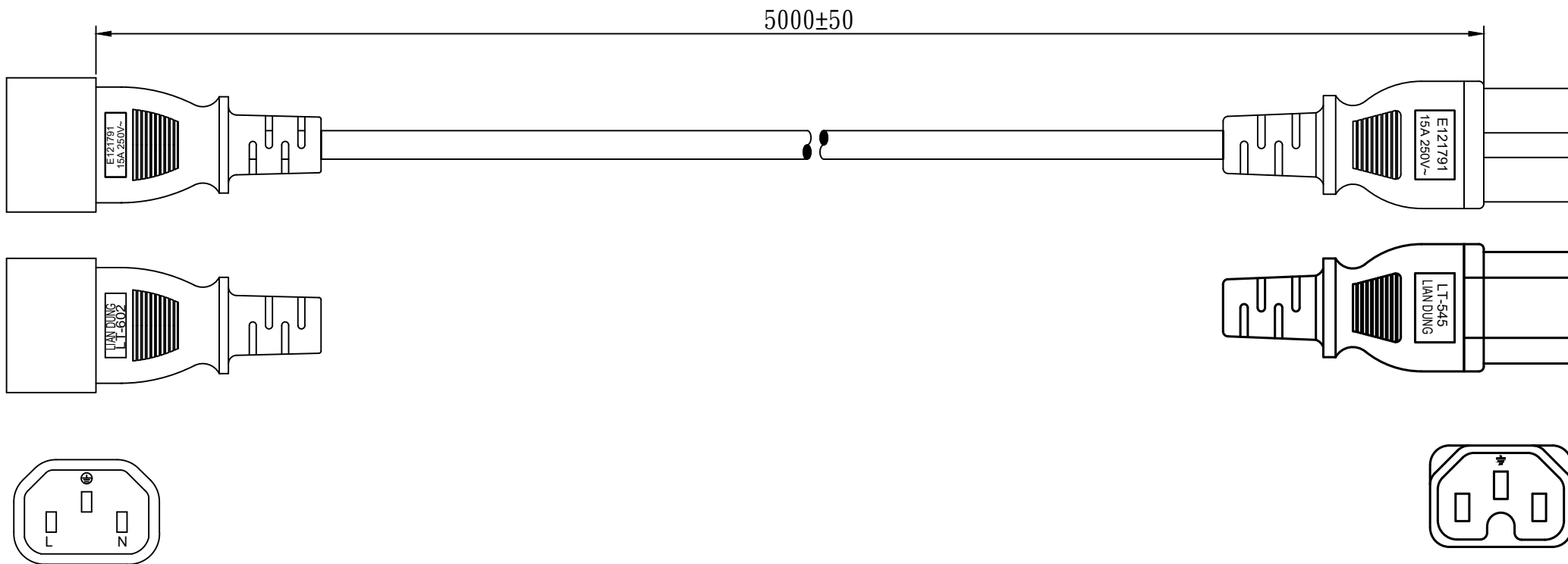


NOTE :

1. PLUG : LT-602 AMERICA TYPE
2. CONNECTOR : LT-545 IEC-60320 C15
3. Strain relief : NA
4. CORD : SJT 14AWG/3C 105D BLK/GRY/WHT 3M
5. APPROVALS : UL, C-UL
6. CUSTOMER : TME
7. Supplier for flexible cord : RHYTHM、WU LI、I-SHENG
8. P/N : BK:SN28-3/14/3.0BK GRY:SN28-3/14/3.0GY WHT:SN28-3/14/3.0WH
※Customer drawing number : NA

修改履歷

<div>6</div>			5. APPROVALS : 02, 0 02 6. CUSTOMER : TME 7. Supplier for flexible cord : RHYTHM、WU LI、I-SHENG 8. P/N : BK:SN28-3/14/3.0BK GRY:SN28-3/14/3.0GY WHT:SN28-3/14/3.0WH ※Customer drawing number : NA							
<div>5</div>										
<div>4</div>										
<div>3</div>			DRAWER	廖柏昇	DATE	24/03/28	TITLE	LT-602+545	<div><div><div></div></div><div>LIAN DUNG</div><div>ELECTRIC WIRE MATERIAL CO.,LTD.</div><div>聯東電線材料股份有限公司</div></div>	
<div>2</div>	線材規格增加白色和灰色3M並增加料號/更新 LT-602+545字版	24/03/28	APPROVE		REV.	2	Dr.No.	1071118		
<div>1</div>	新增	18/11/07			比 例		TOL.	±5mm		
REV.	DESCRIPTION	DATE					ALL DIMENSIONS IN mm			



NOTE :

- 1.PLUG : LT-602 AMERICA TYPE
- 2.CONNECTOR : LT-545 IEC-60320 C15
- 3.Strain relief : NA
- 4.CORD : SJT 14AWG/3C 105D BLK/GRY/WHT 5M
- 5.APPROVALS : UL, C-UL
- 6.CUSTOMER : TME
- 7.Supplier for flexible cord : RHYTHM、WU LI、I-SHENG
- 8.P/N : BK:SN28-3/14/5.0BK GRY:SN28-3/14/5.0GY WHT:SN28-3/14/5.0WH
※Customer drawing number : NA



修改履歷

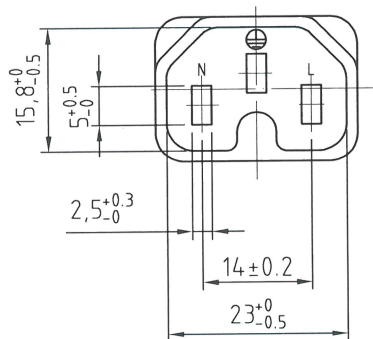
△6		
△5		
△4		
△3		
△2	線材規格增加白色和灰色5M並增加料號/更新LT-602+545字版	24/03/28
△1	新增	18/11/07
REV.	DESCRIPTION	DATE

DRAWER	廖柏昇	DATE	24/03/28	TITLE	LT-602+545
APPROVE		REV.	2	Dr.No.	1071119
		比例		TOL.	±5mm
				ALL DIMENSIONS IN mm	



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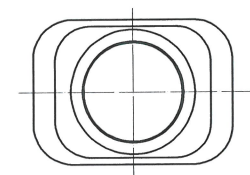
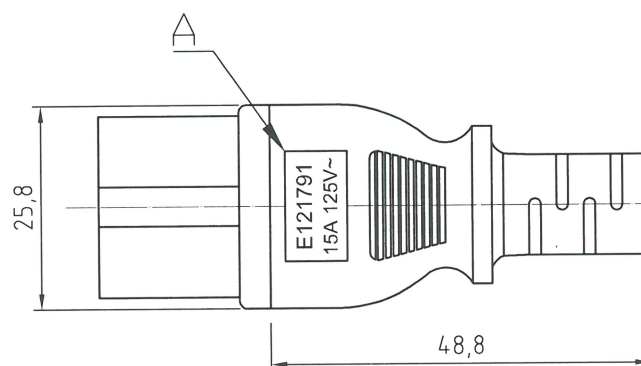
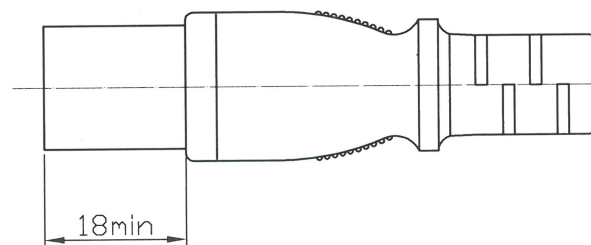
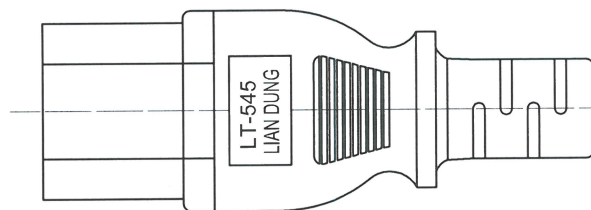
PART	DESCRIPTION	DATE	DRAWER	廖柏昇	DATE	23/12/05	TITLE	LT-602-UL	 LIAN DUNG ELECTRIC WIRE MATERIAL CO.,LTD 聯東電線材料股份有限公司
1.			APPROVE	林明宗	REV.	7	Dr.No.	C602002	
2.				比例	1 : 1	TOL.	±0.8mm		
3.						ALL DIMENSIONS IN mm			



A 字版 1:1

E121791
15A 125V~

E121791
15A 250V~



PART	DESCRIPTION	DATE	DRAWER	DATE	20/05/07	TITLE	LT-545-UL圓線加大
1.			APPROVE	林明宗	REV.	3	Dr.No. C545002
2.				比例	1:1	TOL.	±0.8mm
3.						ALL DIMENSIONS IN mm	



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

Cord Sets and Power-supply Cords

COMPANY

LIAN DUNG ELECTRIC WIRE MATERIAL CO LTD

515-16 Sec 2 San Feng Rd
Feng Yuan District
Taichung, 42073 Taiwan

E121791

Type(s): Cord Sets Having Appliance Plugs, General Use Extension Cord Sets, Outdoor Use Extension Cord Sets, Outdoor Use Power Supply Cords, Special Use Cord Sets, Special Use Power Supply Cords

Last Updated on 2023-12-11

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CAT. NO. LT-602 - FIG. 4 (R95-4333)

1. Body - Molded PVC, Recognized Component Plastic (QMFZ2), Type AH-85J, manufactured by Rhythm Wire Ind. Co., and Type CS-#-*X, manufactured by Wofoo (Ningbo) Plastic Industrial Co., Ltd (E203442). Minimum flame rating 94V-0, minimum 2.4 mm over live parts, overall dimensions 68.4 mm long, 24.0 mm high by 28.2 mm wide. See Ill. 4 for dimensional details.

Alternate - Molded on PVC, R/C (QMFZ2/8), Cat. No. Flex 60G, manufactured by PURE FRIEND BUSINESS ENTERPRISE CORP.

Alternate - Molded on PVC, R/C (QMFZ2/8), Cat. No. ZY940(a), manufactured by ZHENG YU ELECTRIC APPLIANCE FITTINGS (KUNSHAN) Co. Ltd.

Alternate - Same as above except molded on PVC, R/C (QMFZ2), Cat. No. MJ-00168, manufactured by Mega Compound Co Ltd.

Alternate - Same as above except molded on PVC, R/C (QMFZ2), Cat. No. IS-PVC03, manufactured by I SHENG ELECTRIC WIRE & CABLE CO LTD.

Blade Shroud - Molded on PBT, R/C (QMFZ2/8), Cat. No. 4115F, manufactured by CHANG CHUN PLASTICS CO LTD. See ILL. 29 for dimensional details.

Alternate - Molded of PBT, R/C (QMFZ2/8), Cat. No. PBT T301 30 GF, manufactured by GUANGDONG HTASO NEW MATERIALS TECHNOLOGY CO., LTD. See ILL. 39 for dimensional details.

Alternate - Same as above except for molded of PBT, R/C (QMFZ2/8), Cat. No. 4130F, manufactured by CHANG CHUN PLASTICS CO LTD.

2. Blades - Nonpolarized, solid, see Sec. Gen. for exposed blade dimensions. See Vol. 1C, Sec. 1, Fig. 6 for dimensional details.

Alternate - Copper alloy, plating optional, crimped to conductor with crimp length 4.5 mm. See ILL. 40 for dimensional details.

3. Cord - Flexible cord, Listed (ZJCZ/7). See the following table for application details.

Cord Size (AWG)	Cord Type	USL	CNL
18/3	SPT-2, SVT, SVT shielded, SJT, SJT shielded, SJTW, SJTO, SJTOW, SJTOO, SJTOOW, SJ, SJO, SJOW, SJOO, SJOOW	YES	YES
17/3	SVT, SVT shielded, SJT, SJT shielded, SJTW, SJTO, SJTOW, SJTOO, SJTOOW, SJ, SJO, SJOW, SJOO, SJOOW	YES	YES
16/3	SPT-2, SVT, SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW, SJ, SJO, SJOW, SJOO, SJOOW	YES	YES
15/3	SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW	YES	YES
14/3	SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW	YES	YES

4. Marking - See Sec. Gen.

CAT. NO. LT-544K - FIG. 11

General - The general design, shape and arrangement shall be as illustrated except where variations are specifically described. Cat. No. LT-544K is the same as LT-602 except for body see below variance.

Body - Materials are same above Cat. NO. LT-602, except the body shape see Ill. 26 for dimensional details.

CAT. NO. LT-545 - FIG. 18

General - The general design, shape and arrangement shall be as illustrated except where variations are specifically described.

Body - Molded of PVC, R/C (QMFZ2/8), Cat. No. Flex 60G, manufactured by Pure Friend Business Enterprise Corp. See ILL. 40 for dimensional details.

Alternate - Same as above except for R/C (QMFZ2), Cat. No. MJ-00168, manufactured by Mega Compound Co Ltd.

Alternate - Same as above except molded on PVC, R/C (QMFZ2), Cat. No. IS-PVC03, manufactured by I SHENG ELECTRIC WIRE & CABLE CO LTD.

Inner Body - Molded of PA66, R/C (QMFZ2/8), Cat. No. A0520FN(+), manufactured by Ginar Technology Co Ltd. See ILL. 41 for dimensional details.

Alternate Inner Body - Same as above except, molded of PA66, R/C (QMFZ2/8), Cat. No. 6310, manufactured by NAN YA PLASTICS CORP PLASTICS 3RD DIV.

Insert Body - Molded of PBT, R/C (QMFZ2/8), Cat. No. 1403G6, manufactured by NAN YA PLASTICS CORP PLASTICS 3RD DIV. See ILL. 42 for dimensional details.

Alternate - Same as above except, Molded of PBT, R/C (QMFZ2), Cat. No. PBT301-G20, manufactured by DONGGUAN BEST PLASTIC CO LTD.

Line/Neutral/Grounding Contacts - Copper alloy, plating optional, crimped to Nos. 18 and 16 AWG conductors with crimping length 4.0 mm. See ILL. 33 for dimensional details.

Alternate Line/Neutral/Grounding Contacts - Copper alloy, plating optional, crimped to No. 14 AWG conductors with crimping length 4.0 mm. See ILL. 34 for dimensional details.

*

Cord - Flexible Cord, Listed (ZJCZ/7). See the following table for application details.

Cord Size (AWG)	Cord Type	USL	CNL
18/3	HPN, SJ, SJO, SJOW, SJOO, SJOOW, SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW	YES	YES
17/3	HPN, SJ, SJO, SJOW, SJOO, SJOOW, SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW	YES	YES
16/3	HPN, SJ, SJO, SJOW, SJOO, SJOOW, SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW	YES	YES
15/3	HPN, SJ, SJO, SJOW, SJOO, SJOOW, SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW	YES	YES
14/3	SJ, SJO, SJOW, SJOO, SJOOW, SJT, SJTW, SJTO, SJTOW, SJTOO, SJTOOW	YES	YES

Marking - See Sec. Gen.

ZJCZ.E88231 - Flexible Cord

Flexible Cord

[See General Information for Flexible Cord](#)

RHYTHM WIRE INDUSTRIAL CO LTD

E88231

147 Yin-Lin Rd

Jen-Te District

Tainan, 71752 TAIWAN

Decorative cord, Type(s) XTW**Jacketed cord**, Type(s) SJT, SJTO, SJTOO, SJTOOW, SJTOW, SJTW, ST, STO, STOO, STOOOW, STOW, STW, SVT**Parallel cord**, Type(s) NISPT-1, NISPT-2, SPT-1, SPT-2, SPT-3[Last Updated](#) on 2019-02-06

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Certificate of Compliance

Certificate: 1991636 (LL 54496)

Master Contract: 173316

Project: 1991636

Date Issued: 2008/02/14

Issued to: Rhythm Wire Industrial Co., Ltd.

147 Yih-Lin Rd
Jen-Te Hsiang
Tainan Hsien,
Taiwan
Attention: Mr. A. Tsai

The products listed below are eligible to bear the CSA Mark shown



Issued by: B. Harmer, C.E.I.

Authorized by: Nick Alfano, Operations
Manager

PRODUCTS

CLASS 5831 01 - WIRES - Flexible Cord

Type SPT-1, 300V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"

Type NISPT-1, 300V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"

Type SPT-2, 300V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"

Type NISPT-2, 300V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"

Type SVT, 300V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"



Certificate: 1991636 (LL 54496)

Master Contract: 173316

Project: 1991636

Date Issued: 2008/02/14

Type SJT, 300V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"

Type SJTW, 300V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"

Type ST, 600V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW-1"

Type STW, 600V, rated 60°C, 75°C, 90°C and 105°C, classified "FT2" and "VW1"

Note:

Conductor sizes include mm² (AWG) in all applicable sizes

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 49-06 - Flexible Cords and Cables

Electrical Certification Notice: Wire and Cable No. 21 - CSA Certification Marking on CSA Certified Flexible Cords and Cables



Supplement to Certificate of Compliance

Certificate: 1991636

Master Contract: 173316

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
1991636	2008/02/14	Update flexible cord listings to C22.2 No. 49-06 and add 75C & 90C ratings

ZJCZ.E88265 - Flexible Cord

Flexible Cord

I SHENG ELECTRIC WIRE & CABLE CO LTD

E88265

50 & 52 Dinghu Rd Dahua Vlg
Guishan District
Taoyuan, 333 Taiwan

Clock cord Type(s) Clock**Decorative cord** Type(s) CXTW, SPT-1W, SPT-2W, XTW**Dryer and range cord** Type(s) SRDT**Heater cord** Type(s) HPN**Jacketed cord** Type(s) S, SJ, SJO, SJO, SJOOW, SJOW, SJT, SJT-R, SJTO, SJTOOW, SJTW, SO, SOO, SOOW, SOW, ST, STO, STOW, STW, SV, SVO, SVOO, SVT, SVT-R**Parallel cord** Type(s) NISPT-1, NISPT-2, SPT-1, SPT-2, SPT-2-R, SPT-2W, SPT-3

Trademark and/or Tradename: "CERROWIRE"

Last Updated on 2022-02-24

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Certification Record

CUSTOMER	CLASS	FILE
I-Sheng Electric Wire & Cable Co., Ltd. No 52 Tin Hwu Rd, Ta Gann Village Gwai San Hsian Taoyuan Hsien 33334 Taiwan	<u>5831-01</u> WIRES-Flexible Cord Refer to Class Description for program details	081924_0_000

TO THE REQUIREMENTS OF CSA STANDARD C22.2 NO 49-06:

Type	Max Volt (V)	Size of Conductors (AWG*)	No of Conductors	Insul. Type	Jacket Type	Notes
• Max temperature rating 60C:						
SPT-1	300	20,18	2,3	PVC	-	1,2,3
NISPT-1	300	20,18	2,3	PVC	PVC	1,2,6
SPT-2	300	18,16	2,3	PVC	-	1,2,3
NISPT-2	300	18,16	2,3	PVC	PVC	1,2,6
SPT-3	300	18-10	2,3	PVC	-	1, 2
SVT	300	18,17,16	2,3	PVC	PVC	1,2,4
SJT	300	18-10	2-6	PVC	PVC	1,2,4
SJTO	300	18-10	2-6	PVC	PVC	1,2
SJTW, SJTOW	300	18-10	2-6	PVC	PVC	1,2,4,5
ST	600	18-2	2 or more	PVC	PVC	1,2,4
STW, STOW	600	18-2	2 or more	PVC	PVC	1,2,4,5
PXT	125	20	2	PVC	-	1,2,7
PXWT	300	18, 16	2	PVC	-	1,2,5,7
S	600	18-2	2 or more	EP	CPE	1,2,7
SO	600	18-2	2 or more	EP	CPE	1,2,7
SOO	600	18-2	2 or more	EP	CPE	1,2,7
SOW	600	18-2	2 or more	EP	CPE	1,2,7
SOOW	600	18-2	2 or more	EP	CPE	1,2,7
SJ	300	18-10	2-6	EP	CPE	1,2,7
SJO	300	18-10	2-6	EP	CPE	1,2,7
SJOO	300	18-10	2-6	EP	CPE	1,2,7
SV	300	18,17,16	2 or 3	EP	CPE	1,2,7
SVO	300	18,17,16	2 or 3	EP	CPE	1,2,7
SVOO	300	18,17,16	2 or 3	EP	CPE	1,2,7

• Max temperature 90C:

HPN	300	14	2	CPE	-	1,2
SV	300	18, 17, 16	2 or 3	EP	CPE	1, 2, 7
SVO	300	18, 17, 16	2 or 3	EP	CPE	1, 2, 7
SVOO	300	18, 17, 16	2 or 3	EP	CPE	1, 2, 7
HPN	300	16, 18	2 or 3	CPE	-	1, 2, 8

• Max temperature 105C:

SPT-1	300	20,18	2,3	PVC	-	1,2,3
NISPT-1	300	20,18	2,3	PVC	PVC	1,2,6
SPT-2	300	18,16	2,3	PVC	-	1,2,3
NISPT-2	300	18,16	2,3	PVC	PVC	1,2,6
SPT-3	300	18-10	2,3	PVC	-	1, 2
SVT	300	18,17,16	2,3	PVC	PVC	1,2,4
SJT	300	18-10	2-6	PVC	PVC	1,2,4
SJTO	300	18-10	2-6	PVC	PVC	1,2
SJTW, SJTOW	300	18-10	2-6	PVC	PVC	1,2,4,5
ST	600	18-2	2 or more	PVC	PVC	1,2,4
STW, STOW	600	18-2	2 or more	PVC	PVC	1,2,4,5
HPN	300	14	2	CPE	-	1,2
HPN	300	16, 18	2 or 3	CPE	-	1,2,8
S	600	18-2	2 or more	EP	CPE	1,2,7
SO	600	18-2	2 or more	EP	CPE	1,2,7
SOO	600	18-2	2 or more	EP	CPE	1,2,7
SOW	600	18-2	2 or more	EP	CPE	1,2,7
SOOW	600	18-2	2 or more	EP	CPE	1,2,7
SJ	300	18-10	2-6	EP	CPE	1,2,7
SJO	300	18-10	2-6	EP	CPE	1,2,7
SJOO	300	18-10	2-6	EP	CPE	1,2,7
HPN						

*mm² sizes also apply.

Notes:

1. In all colours except for clear and translucent.
2. Flame classification - FT2.
3. Includes two-conductor constructions in clear or translucent.
4. Optional shielding.
5. Low temperature rating: -40C.
6. Non-integral construction.
7. Flame classification - FT1.
8. HPN with 16 or 18 AWG, 3 conductor, EP ground conductor insulation.

ZJCZ.E94163 - Flexible Cord

Flexible Cord

[See General Information for Flexible Cord](#)

WU LI ELECTRIC WIRE & CABLE CO LTD

E94163

60 CHUNG-HWA RD, SEC 5

HSINCHU, 300 TAIWAN

Decorative cord, Type(s) CXTW, SPT-1W, SPT-2W, XTW**Jacketed cord**, Type(s) SJT, SJT-R, SJTW, ST, STW, SVT, SVT-R**Parallel cord**, Type(s) NISPT-1, NISPT-2, SPT-1, SPT-1-R, SPT-2, SPT-2-R, SPT-3

Trademark and/or Tradename: "E94163" , "LIAN DUNG" ,

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ZJCZ7.E94163
Flexible Cord Certified for Canada

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Flexible Cord Certified for Canada

[See General Information for Flexible Cord Certified for Canada](#)

WU LI ELECTRIC WIRE & CABLE CO LTD

E94163

60 CHUNG-HWA RD, SEC 5
HSINCHU, 300 TAIWAN

Decorative cord, Type(s) PXT, TX

Jacketed cord, Type(s) SJT, SJTW, ST, STW, SVT

Parallel cord, Type(s) SPT-1, SPT-2, SPT-3



Trademark and/or Tradename: "E94163" , "LIAN DUNG" ,

[Last Updated](#) on 2013-06-13

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