

# 承 認 書

客戶名稱

建準電機工業股份有限公司

客戶指示名稱 建準電機工業股份有限公司

品號 0815410000

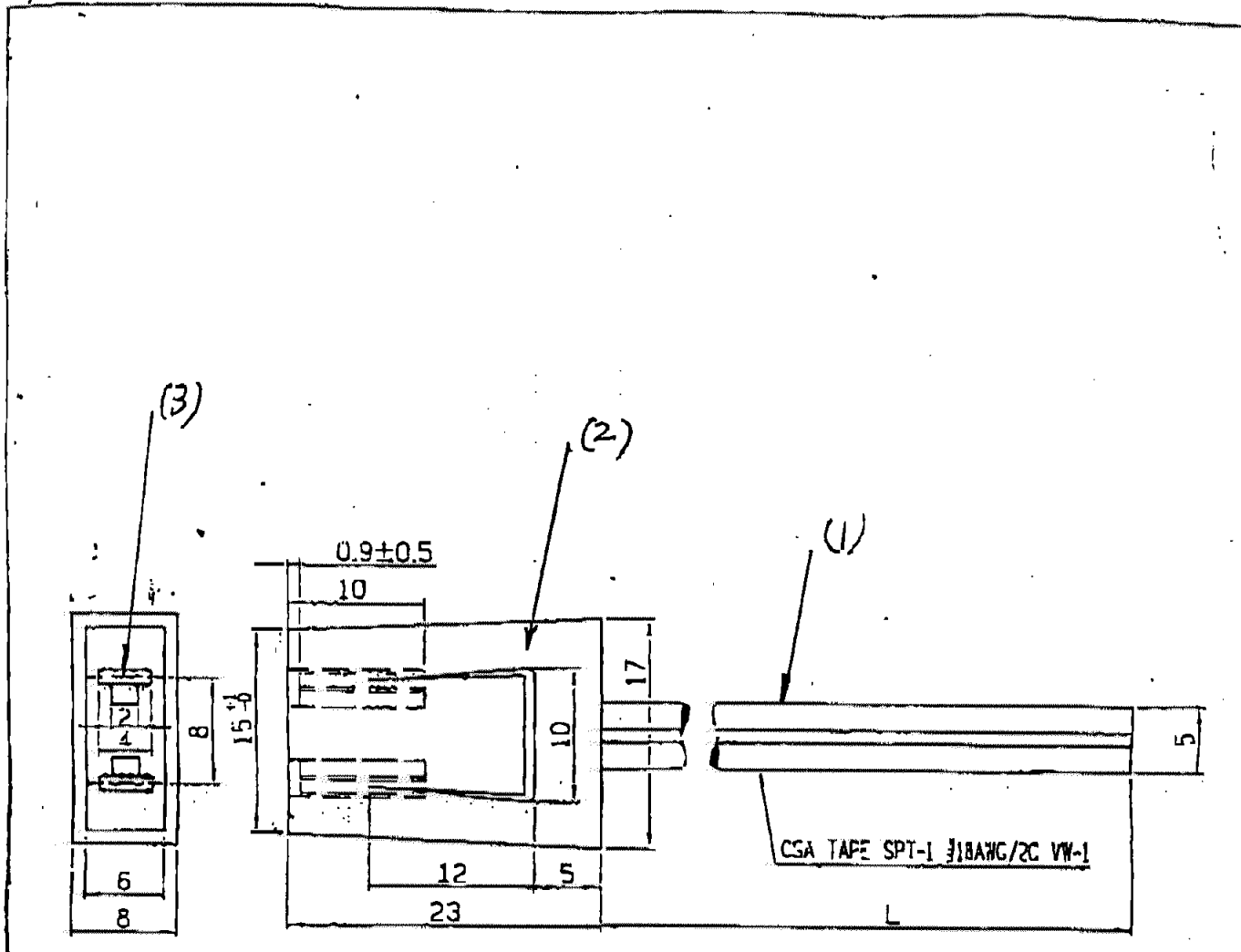
規格 A2-10

品名 電線

客戶確認

日期：9/年5月0日

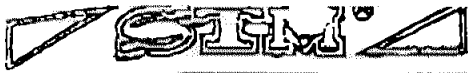
進易行有限公司  
Z A . C O . L T D .



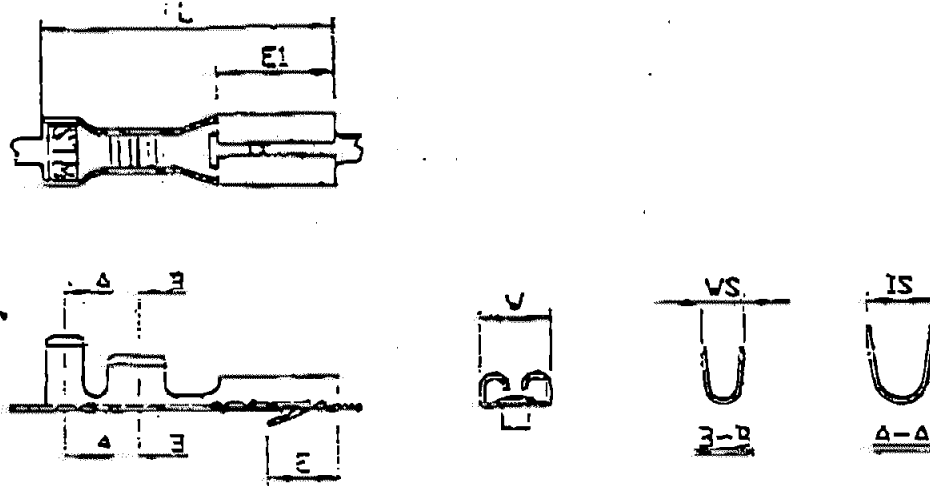
材質：(1)銅線 0.16<sup>0</sup>/41 UL.CSA

(2)絕緣 ABS

(3)端子 磷銅



# 產品成品圖



尺寸 (Dimension)

單位 (Unit) : mm

L: 15.5 ± 0.3	W: 3.8 ± 0.1	E: 3.8 <sup>+0.1</sup> / <sub>-0.15</sub>	E1: 6.4 ± 0.3
WS: 2.4 ± 0.3	IS: 3.75 ± 0.3		

- 產品編號: 1731PS
- 材 質: PHOS. BRONZE (磷銅)
- 材料厚度: 0.25mm
- 端子間距: 17.60mm
- 適用電線: 16-22 AWG#
- 線皮外徑: 2.45-2.80mm
- 包裝數量: 10,000 PCS
- 配合端子: 16312S
- 配合殼體: P17312 NPK17312, 3, 4, 6, 9
- 表面處理: -0 化學研磨 -00 鍍金 -1 鍍銀 -2 鍍錫

**信盛精工股份有限公司**

總公司 (07) 5283172 FAX (07) 6282063  
台北 (02) 27644190 FAX (02) 27603605

Northbrook Illinois 60062-27  
(708) 272-8800  
FAX No. (708) 272-8129  
MC Mail No. 254-3343  
Cable ULINC NORTHBROOK  
Telex No. 6502543343



LU HER WIRES & CABLES CO LTD  
C. C. Tsao  
NO 50 LANE 925 MING HSING RD  
WAN LI SOUTH AREA  
TAINAN TAIWAN

Your most recent listing is shown below. Please review this information and report any inaccuracies to the UL Engineering staff member who handled your Assignment.

AVLVZ November 30, 1989  
Component - Appliance Wiring Material

LU HER WIRES & CABLES CO LTD  
NO 50 LANE 925 MING HSING RD WAN LI  
SOUTH AREA, TAINAN TAIWAN

E112781 (S)

LOOK FOR THE RECOGNITION MARK

See General Information Preceding These Recognitions.

For use only in countries where the acceptability of the membership is determined by Underwriters Laboratories Inc.

Replaces E112781 dated September 21, 1989.  
364172001 Underwriters Laboratories Inc.®

business

For information on placing an order for UL Listing Cards in a 3 x 5 inch card format, please refer to the enclosed ordering information.

UNDERWRITERS LABORATORIES INC.

An independent  
not-for-profit organization  
lasting for public safety



Canadian Standards Association  
Association canadienne de normalisation

# CERTIFICATION RECORD

The company named below has been authorized by Canadian Standards Association to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement.

NUMBR 096621W0000 March 22, 1991

CLASS 5854-01 (Label Service)

LU HER WIRES AND CABLES CO. LTD.  
No. 50, Lane 925, Ming Hsing Rd.  
Wan Li S. Area, Tainan, Taiwan

96621

WIRES - Radio-Circuit Wires

- Max temperature rating 90C: TR-64, TR-32.

Note: Not covered for single or multi-conductor with shielding and jacket.

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RFWV  
Quick Connect Terminals

January 6, 1992

SIN SHENG TERMINAL & MACHINE INC, TAIPEI  
TAIWAN

E107979 (T)

(A card)

Insulated quick-connect connectors for copper alloy tabs, Typos F250, IF250, IN250, followed by B, R or Y may not be followed by C.

Insulated quick-connect copper alloy tabs, Typos JM250, JNM250, M250, followed by B, R or Y may or may not be followed by C.

Insulated quick-connect adaptor for copper alloy tabs, Typos INMF250, MF250, MIMF250, MIMF250-2, followed by B, R or Y may or may not be followed by C.

Fully insulated quick-connect connector for copper alloy tabs, Typo JF250, INF250 followed by B, R or Y followed by C or CF.

Noninsulated quick-connect connectors for copper alloy tabs, Typos 1241#, 1251#, 1341#, 1342BS, 1343NL, 1361#, 1352#, 1730DS, 1731DS, 1732DS, 1733DS, 1735DS, 1737DS, 1740BS, 1741DS, 1743DL, 1760DS, 1761BS, 1762BS, 1763BS, 1701DS, 1702BS, 1763BS, 1704DS, 1700BS, 1707DS, 2144BS, 2301UL, 2302DS, 2301DS, followed by 0 or 2.

Noninsulated wirewax quick-connect tabs, Typos 1041BL, 1004BL, 1005BL followed by 0, 1 or 2.

Replaces E107979A dated May 18, 1988.

946568001

Underwriters Laboratories Inc.®

(Cont on B card)

F11/0146174

204



# REPORT OF MATERIAL TEST

DATE: FEB. 12, 1998

Supplier: 金豐五金有限公司

Commodity: C 5191 R PHOSPHOR BRONZE STRIP (II)



台正字第 3545 號

Applied Standard: CNS 9503 Phosphor Bronze Sheets, Plates and Strips

## Chemical Analysis Test

Work No.	Size of Product			P(%)	Sn(%)	Cu&SnP(%)				
	Thickness (mm)	Width (mm)	Length (mm)							
	Standard			U.030 - 0.350	5.50 - 7.00	min. 99.50				
71C013AD	0.250	465.000		0.154	5.970	99.030				
71C034B	U.250	465.000		0.191	6.190	99.670				
71C034C	0.250	465.000		0.191	6.190	99.678				

## Mechanical & Physical Test

Work No.	Size of Product			Dimension Test		Tension Test		Hardness Test HV	Grain Size (mm)	Electric Conductivity (%)
	Thickness (mm)	Width (mm)	Length (mm)	Thickness (mm)	Width (mm)	Tensile Strength (kg/cm <sup>2</sup> )	Elongation (%)			
	Standard			-	(-) 0.10 - (+) 0.00	min. 60	min. 8	min. 170	-	-
71C013AB	0.250	465.000		GOOD.	GOOD.	60.69	26.74	192.0 - 194.0	-	14.0
71C034B	0.250	465.000		GOOD.	GOOD.	61.77	27.62	195.0 - 195.0	-	13.2
71C034C	0.250	465.000		GOOD.	GOOD.	61.77	27.62	195.0 - 195.0	-	13.2

QC Supervisor

**MINCHALI METAL INDUSTRY CO., LTD.**  
11, Pei Yuan Road, Chung Li City, Taiwan, R. O. C.  
Tel. (02) 27606141 R (02) 27606170



# ABS Resin Characteristics

Typical Properties 特性	ASTM Test 試驗法	Units 單位	— 級 別 (General)							PA-75
			PA-717C	PA-727	PA-737	PA-747	PA-757	PA-707	PA-709	
Tensile Strength 拉伸強度	D-638	kg/cm <sup>2</sup> (lb/in <sup>2</sup> )	450 (6380)	480 (6800)	380 (5380)	410 (5810)	500 (7090)	520 (7370)	420 (5950)	490 (6940)
Tensile Elongation 延伸率	D-638	%	25	25	22	30	20	15	40	20
Flexural Modulus 彎曲強度	D-790	10 <sup>4</sup> kg/cm <sup>2</sup>	2.2	2.4	2.0	2.0	2.4	2.5	2.0	2.3
Flexural Strength 彎曲強度	D-790	kg/cm <sup>2</sup>	620	690	580	560	700	720	580	660
Rockwell-Hardness 洛氏硬度	D-785		R-105	R-106	R-101	R-98	R-109	R-113	R-102	R-11
IZOD Impact Strength IZOD 沖擊強度	C-256	1/8"	28 (5.25)	24 (4.5)	25 (4.6)	38 (7.1)	20 (3.7)	14 (2.6)	43 (8.0)	17 (3.0)
		1/4"	24 (4.5)	24 (4.0)	21 (4.0)	32 (6.0)	16 (2.94)	12 (2.2)	35 (6.8)	14 (2.5)
Vicat Softening Temp 軟化溫度	D-1525	°C	103	104	102	102	104	104	103	104
H.D.I (annealed) (85°C/8hrs) 熱變形溫度 (annealed)	D-648	°C	93	94	93	94	95	95	94	92
		°C	83	83	83	83	84	85	85	82
Specific Gravity 比重	G-792	23/23°C	1.04	1.04	1.04	1.03	1.05	1.06	1.03	1.0
Melt Flow Index 熔融指數	D-1238	g/10min (cond. F)	1.2	1.3	3.8	0.8	1.5	1.6	0.4	3.
		g/10min (cond. I)	6.4	7.0	13.5	3.0	7.5	8.3	1.5	9.
Flammability 可燃性	File No. E58070 UL-94 File No. LS65844 C22-2 No. 0.5(C.S.-A)		1/16"RB	1/16"RB	1/16"RB	1/16"RB	1/16"RB	1/16"RB	1/16"RB	1/16"
Product Description			Injection Molding	Electro-Plating	High Flow Injection Molding	Blow Molding	High Rigid	High Gloss	Super High Rigid	High Rigid
主要用途			一般射出	電鍍用	高流動性	吹塑用	高剛性	高光澤度	超高剛性	高剛性

All test were run under laboratory condition. (ASTM (where applicable) testing procedures. The data are intended as a guide only. 以上所列數據係在ASTM試驗方法下所得，僅供參考之用。