

Customer: **CNSBG-NSD**

SPECIFICATION FOR APPROVAL

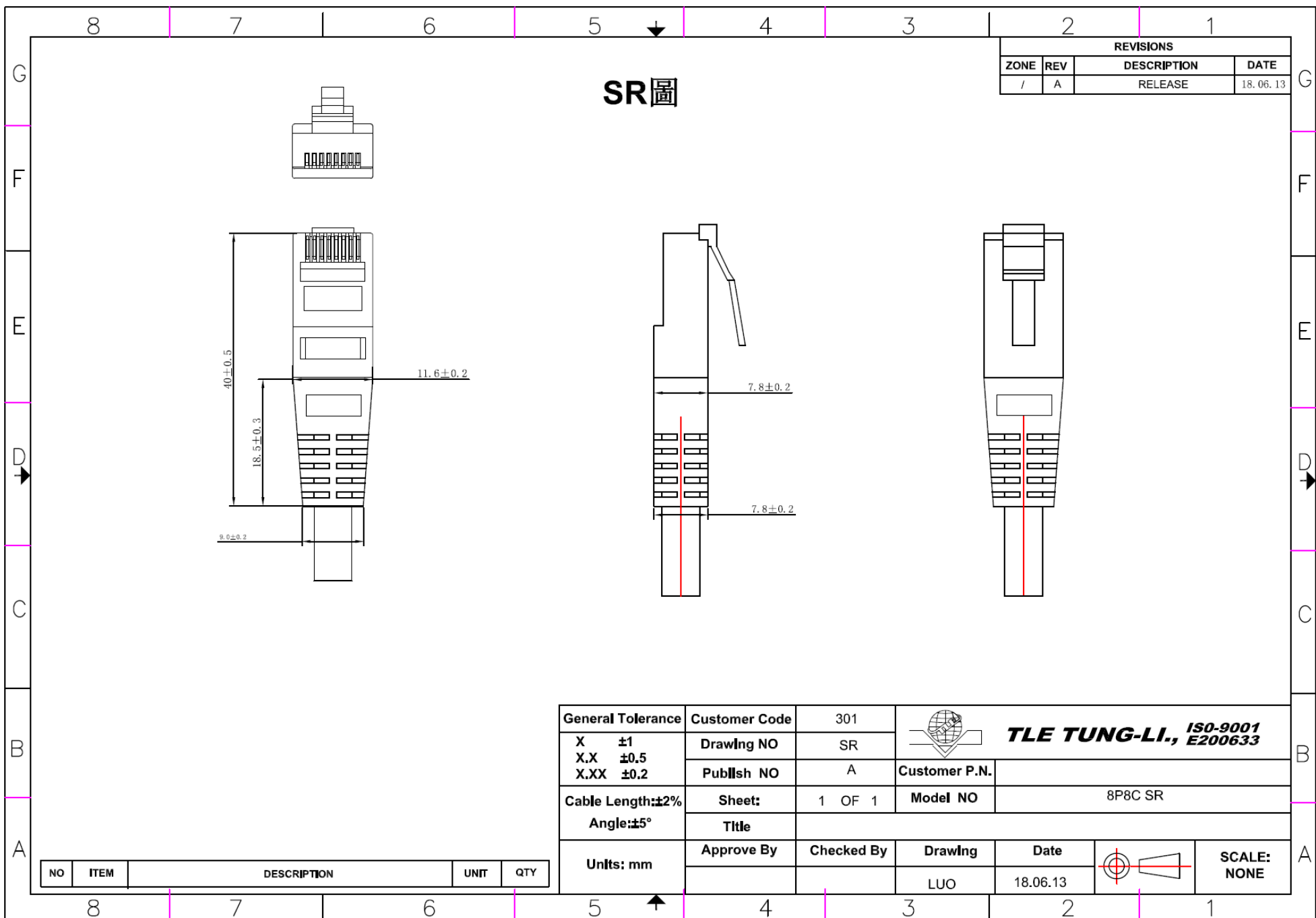
CUSTOMER DWG.NO	605-0000-0000 REV.X3
DESCRIPTION	RJ45 CABLE ASS' Y
Foxconn P/N	CT8R02R-CGD04-DF REV.X3

ATTACHMENTS:

1. PRODUCT DRAWING
2. FAI
3. BOM
4. RAW CABLE SPEC
5. PARTS SPEC
6. PRODUCT PHOTO
7. WEIGHING PHOT
8. SPP

Approved by: Corey Hsu Checked by: Peter Liu Prepared by: Yun Xia

File No: CT8R02R-CGD04-DF Revision No: X3 Date: 2019.04.16



First Article Inspection Report

CUSTOMER	/									DOC. NO.	
DESCRIPTION	RJ45									SHEET	1/1
CUSTOMER P/N	/				REV./					DATE	03/08'19
HON HAI P/N	CT8R02R-CGD04-DF				REV.X2					DIVISION	TSC QA
ITEM	SPECIFICATION				UNIT	SAMPLE DATA					RESULT
	CUSTOMER	HON HAI				S1	S2	S3	S4	S5	
1		1500	±	50	MM	97.00	96.00	95.00	97.00	97.00	PASS
2		20	±	0.25	MM	20.00	20.00	20.08	20.05	20.00	PASS
3		9.6	±	0.25	MM	9.62	9.60	9.60	9.61	9.60	PASS
4		11.7	±	0.25	MM	11.75	11.73	11.70	11.72	11.70	PASS
5		8.2	±	0.25	MM	8.20	8.22	8.20	8.22	8.20	PASS
6		11.65	±	0.25	MM	11.67	11.65	11.66	11.67	11.67	PASS
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19		Appearance				OK	OK	OK	OK	OK	PASS
20		Open / Short / Testing				OK	OK	OK	OK	OK	PASS
21		Pin Assignment				OK	OK	OK	OK	OK	PASS
22		Packing Check				OK	OK	OK	OK	OK	PASS
		---END---									
APPROVED BY: Wenguang- Xu 9/11'18							PREPARED BY: Dongmei-Peng 9/11'18				

BOM

CUSTOMER:FIT

NAME	SPECIFICATIONS	CUSTOMER'S CODE
5U422	US PLUG 8P8C G/F TO ROUND CABLE UTP 4PR 24AWG BC 单根铜 (1/0.50) CAT.5e BLACK L:1500MM(ROHS)	CT8R02R-CGD04-DF

CHECKING ITEM	INSPECTION SPECIFICATION	
US PLUG	TYPE	8P8C G/F TP (ROHS)
	METAL DEPTH	0.46~0.70MM
	BREAKING	≥ 7kgf
ROUND CABLE	JACKET	PVC Color: BLACK (ROHS)
		Φ: 5.5mm±0.2MM (ROHS)
	CORE	HD-PE Color: WH OR/OR WH BL/BL WH GN/GN WH BR/BR (ROHS)
		Outer diameter: Φ=0.95MM±0.05MM
	CONDUCTOR	24AWG 单根铜 (1/0.50) BC CAT.5e UTP 4PR COPPER WIRE (ROHS)

B O M

SUPPLIERS BATCH CODE: 5U422

MATERIALS NAME	COLOR	Q'TY (PCS)	REMARKS
ROUND CABLE CAT.5e UTP 4PR 24AWG 单根铜 (1/0.50) BC OD:5.5±0.2MM L=1500MM	BK	1	(HD-PE)+PVC STANDARD CORE : WH OR/OR WH BL/BL WH GN/GN WH BR/BR (ROHS)
PLUG	TP	2	8P8C G/F TP (ROHS)
标签	白	1	合成纸, 白底黑字, 贴单包上
PE BAG:3''*7''*05	TP	1	1PCS/BAG (ROHS)
CARTON	YL	/	(ROHS)

NOTE:CABLE MARKING		
SUPPLIER	MARKING	
WEI BANG E315882	E315882 兄 AWM 2835 24AWG 60° C 30V TIA/EIA 568B.2 UTP CAT.5e	
weisheng E331984	E331984 兄 AWM 2835 24AWG 60°C 30V TIA/EIA 568B.2 UTP CAT.5e	

变更 CHANGE			
版本 EDIT	变更内容 MODIFICATION	变更日期 UPDATE DATE	签名 SIGNATURE

Inspection for Environmental Protection:

Based on the performed tests on submitted sample,
the test results are Compliant with the limits of RoHS and REACH.

Electrical Test:

- A. 250V AC max, at 2A.
- B. Dielectric withstanding 1000V DC/min, <0.5A.
- C. Insulation Resistance: >500 MΩ, 1000V DC/min.
- D. Contact Resistance: <20 MΩ.

Mechanical:

- A. Cable-to-plug tensile strength-20LBS (89N) min.
- B. Durability: 2000 mating cycles.

Operating Temperature: -40℃~+125℃.

环保测试:

通过RoHS、REACH之安全物质使用的检验标准。

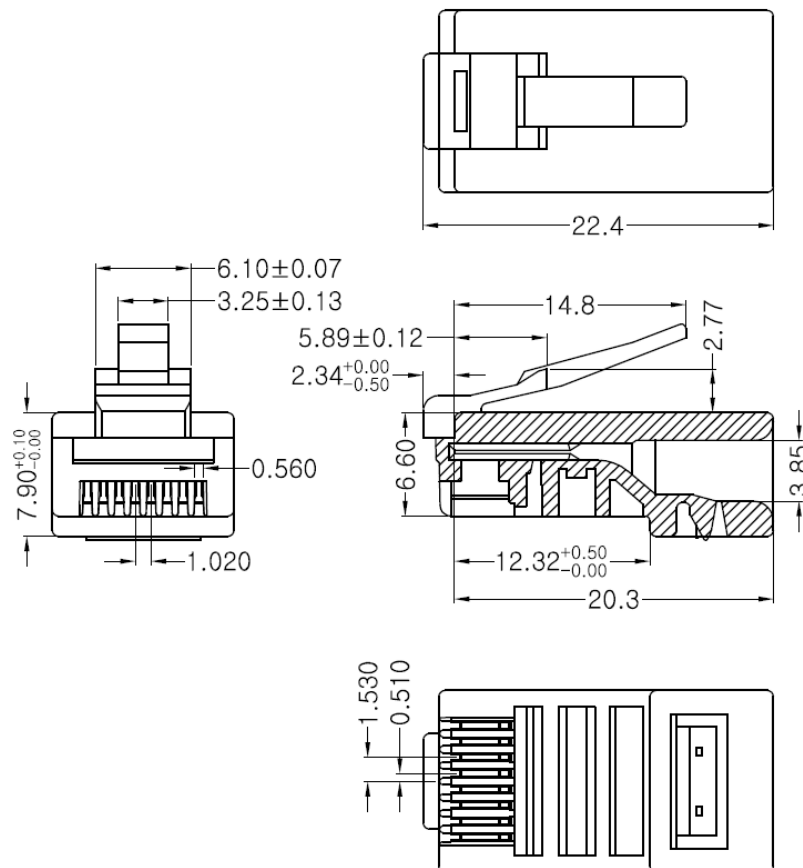
电气特性:

- A. 250伏特AC. 最大2安培耐电压伏特数。
- B. 耐电压测试: 小于0.5安培 1000伏特DC/一分钟。
- C. 绝缘抗阻: 1000伏特DC/一分钟, 大于500百万欧姆。
- D. 接触阻抗: 不大于20毫欧姆。

机械特性:

- A. 拉力测试: 电缆至插座张力强度至少一分钟20磅 (89N)。
- B. 耐力测试: 插拔测试2000次以上。

印章



磷铜

金片 TERMINAL	M2405	M2333S						0
图形 DRAWING								
标记 MARK								
镀金 GOLD PLATING	Fu"	1u"	3u"	6u"	15u"	30u"	50u"	OTHER
标记 MARK								

CNCOB

尔完巾旺尚通讯科技有限公司
Cobtel Precision Electronics Co., LTD

产品编号 PRODUCT NO	102M1	品名规格 DESCRIPTION	UTP/CAT5E/MP8P8C/方孔	图号 DWG NO	PEC002
材质 MATERIAL	PC	单位 UNIT	MM	比例 SCALE	NULL
尺寸公差表 DIMENSIONAL TOLERANCE		第三视角法 THIRD ANGLE PROJECTION		制图 DRAWN	Min Lee
X.X	±0.2			日期 DATE	2012. 04. 17
X.XX	±0.10			日期 DATE	
X.XXX	±0.050			日期 DATE	
ANGLE	±2°			日期 DATE	
批准 APPROVAL		核校 CHECK		批准 APPROVAL	

HELMUT FISCHER GmbH + Co
Industriestrasse 21
71069 Sindelfingen



Fischerscope? XRAY XULM

Product: 2 / Au/Ni/CuZn #3d

Dir.: Fischer Block: 2648

Application: 2 / Au/Ni/CuZn #3d



n = 1	Au = 1.57 μ "	Ni = 57.4 μ "
n = 2	Au = 1.59 μ "	Ni = 54.9 μ "
n = 3	Au = 1.95 μ "	Ni = 53.7 μ "
n = 4	Au = 1.49 μ "	Ni = 53.8 μ "
n = 5	Au = 1.82 μ "	Ni = 58.3 μ "

Mean	1.68 μ "	55.6 μ "
Standard deviation	0.193 μ "	2.12 μ "
C.O.V.	11.47 %	3.80 %
Range	0.46 μ "	4.61 μ "
Number of readings	5	5
Min. reading	1.49 μ "	53.7 μ "
Max. reading	1.95 μ "	58.3 μ "
Measuring time	15 sec	
Operator:		
Date: 2016-5-31	Tin	41:22



东莞市胜高通讯科技有限公司

COBTEL PRECISION ELECTRONICS CO., LTD

盐水喷雾实验记录表

日期：2016年07月23日

實驗時數(hr)	12H	Nacl溶液濃度g/l	50	實驗室溫度(°C)	31.0
實驗品名	M2405-ABU"	噴霧量(m/80cm ²)	1.0/hr	壓力桶溫度(°C)	47.0
		壓縮空氣壓力(Kg/cm ²)	1.0	鹽水溫度(°C)	37.9
實驗樣數(pcs)	18	蒸餾水PH值	7.0	積時計時器(hr)	2232H

{實驗條件}：

壓力桶溫度設定：47 ± 1°C

鹽水桶溫度設定：35 ± 1°C

{實驗結果}：

未發現有氧化或者銅綠現象

審核：黃澤軍

主管：/

實驗員：劉金萍



the standard in safety

Underwriters
Laboratories

UL INSPECTION CENTER 213

UL INSPECTION CENTER DONGGUAN
CHINA NAT' IMPORT & EXP COM INSP CORP
6 LI CHENG RD, ZHONGCHANG BLDG, 5TH FL
CHANG PING TOWN
DONGGUAN,
GUANGDONG 523565 CHINA

Date: 2009/01/12
Subscriber: 100107034
PartySite: 969481
File No: E137614
Project No: 08NK21445
PD No: 09001531
Type: R
PO Number: MS. CHERRY CHEN

The following is a copy of the letter sent to the manufacturer listed below:

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

Issue

Date	Vol	Sec	Pages	Revised Date
			Index Page(s)	
1991/03/29	1	1	Revised Description Page(s) 3	2009/01/10

Inspections at your plant will be conducted under the supervision of LI WEI QUN, UL INSPECTION CENTER DONGGUAN, CHINA NAT' IMPORT & EXP COM INSP CORP, 6 LI CHENG RD, ZHONGCHANG BLDG, 5TH FL, CHANG PING TOWN, DONGGUAN, GUANGDONG, China, 523565., PHONE: 769-8381-7010, FAX: 769-8381-7010, EMAIL: ulic213@cccicgd.com

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to , referring to the above Project and/or PD Numbers.

This material is provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

NEK File

100107034
969481

COBTEL PRECISION ELECTRONICS CO LTD
BA TOU LOCAL INDUSTRIAL ZONE
WANG JIANG AREA
DONGGUAN GUANGDONG CHINA

優力國際安全認證有限公司
台北市 112 北投區大業路 259 號 1 樓
電話: 886.2.2896.7790 / 傳真: 886.2.2891.7644 / 網址: ul.com.tw

INDEX

Model Numbers	Section	USR	CNR
COB-MP-4P4C, COB-MP-6P6C, COB-MP-6P4C, COB-MP-6P2C, COB-MP-8P8C, COB-MP-10P10C	1	Yes	Yes
COB-MP-4P4C-SHIELDED, COB-MP-6P6C-SHIELDED, COB-MP-8P8C-SHIELDED, COB-MP-10P10C-SHIELDED	1	Yes	Yes
#104E, -1, -B, -H, -P, -Pl, -KRO	2	Yes	Yes

USR - United States Standard, Recognized

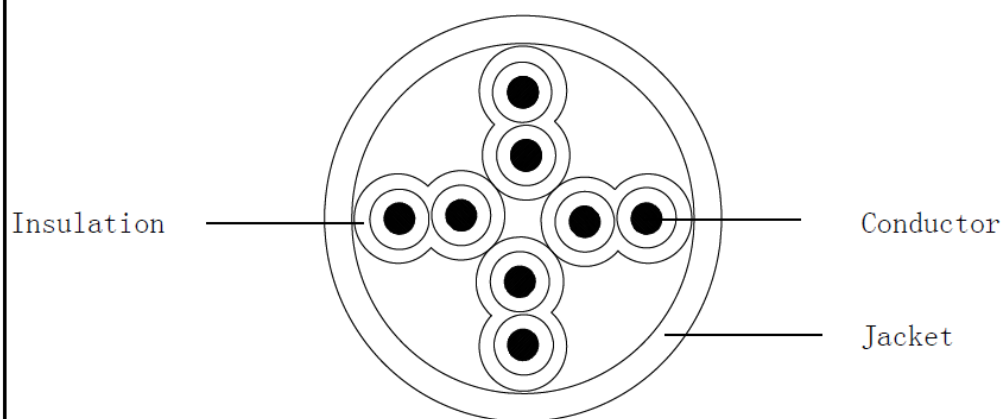
CNR - Canadian National Standard, Recognized

WIDER

Product Specifications

Construction & Material :			
Item		Unit	Specification
Product			CAT. 5e UTP 4P 24AWG 单根铜 (1/0.50)
Conductor	Size(导体)	AWG	24
	Number(数目)	P	4
	Material(材质)		BC
	Construction(铜线)	pcs/mm	1/0.50MM±0.005
	Diameter(绞合直径)	mm	0.488
Insulation	Material(材质)		HDPE
	Min. thickness(最小厚度)mm		0.22
	Avg. thickness(平均厚度)mm		0.23
	Diameter(线径)	mm	0.95mm+/-0.05MM
	Color(颜色)		Blue×White/Blue Orange×White/Orange
			Green×White/Green Brown×White/Brown
Twisting	Construction(绞距)		See Cross-Section
Cabling	Construction(总绞距)		See Cross-Section
Jacket	Material(材质)		PVC 65P
	Min. thickness(最小厚度)mm		0.45
	Avg. thickness(平均厚度)mm		0.55
	Overall Diame(线径)	mm	5.5±0.2
	Color(颜色)		BK
Marking (印白字)	E315882 兄 AWM 2835 24AWG 60° C 30V TIA/EIA 568B.2 UTP CAT.5e		

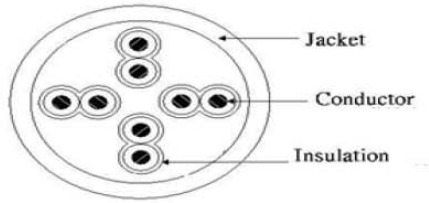
Cross - Section View :



NOTE: Please confirmed in two days, or we will take it as confirmed.

線材規格圖

料號：M18089/单根

CONSTRUCT map/构造图			COLOUR CODE/ 线芯颜色
			WH/OR,OR ; WH/GN,GN WH/BL,BL ; WH/BR,BR
CABLE SPEC/ 电线规格			
CONSTRUCTION/构造：	Item/项目		Spec show/ 规格说明
CONDUCTOR/ 导体	Construction/构造 AWG		24 AWG
	Material/材料		BC
	Construction Size/构造尺寸		1/0.50±0.008mm
INSULATION/ 绝缘	Material/材料		HDPE
	Average Thickness/平均厚度		0.23mm
	Diameter/直径		0.95±0.05mm
SHIELD/ 缠绕	Material/材料		/
	Average Thickness/平均厚度		/
	Diameter/直径		/
INSULATION/ 绝缘中被	Material/材料		/
	Average Thickness/平均厚度		/
	Diameter/直径		/
DRAIN WIRE/地线	Construction/构造 AWG		/
	Material/材料		/
	Construction Size/构造尺寸		/
FILLER/填充物	Material/材料		/
	Construction Size/构造尺寸		/
	Percentage of Coverage/遮蔽率		/
JACKET 外被	Material/材料		65P PVC
	Jacket Color/外皮颜色		BLACK
	Average Thickness/平均厚度		0.65mm
	Diameter/直径		5.5 ±0.20mm
	Extruotion/押出形式		套式
	Marking Color/印字颜色		白色
电气性能 Electric properties	导体电阻 Conductor Res	Ω/km @20℃	322.51 Max.
	绝 缘 电 阻Insulation Re	MΩ·Km	100 ↑
	耐压试验Dielectric Str	500VAC/1min.	不击穿
	火花 试 验Spark Test	1500 VAC	不击穿
MARKING/印字	E331984 兄 AWM 2835 24AWG 60℃ 30V TIA/EIA 568B.2 UTP CAT.5e		

核准：

审核：汪俊伟

制作：黄秋怡

MODULAR PLUG - FIG. 1 (K91-1023)

General - The modular plug shown in Fig. 1 represents Models COB-MP-8P8C, -6P6C, -6P2C, -6P4C, -4P4C and COB-MP-XPXC-SHIELDED. The difference is the number of positions and contacts employed in the plug.

1. Housing - Constructed of Component Recognized (QMFZ2) plastic with a minimum 94V-0 flame rating for the thickness employed. For dimensions of the various model numbers, refer to ILLS. 1 through 5.

Alternate - Constructed of Component Recognized (QMFZ2), Polycarbonate, Model LN-2250, flame rated 94V-2 for the thickness employed, manufactured by Teijin Chemicals Ltd.

Alternate - Same as above, except for Model LV-2250(##)(f2), flame rated V-2 for the thickness employed, manufactured by Teijin Chemicals Ltd.

2. Contacts - Gold plated over a brass alloy, approx 0.35 mm in diameter. Refer to ILLS. 1 through 10.

**AVLV2.E315882
Appliance Wiring Material - Component**[Page Bottom](#)**Appliance Wiring Material - Component**[See General Information for Appliance Wiring Material - Component](#)**WIDER WIRE & CABLE CO LIMITED**

E315882

Shuxin Village, Changping Town
Dongguan, Guangdong 523000 CHINA

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
1007	1061	1533	1589	1792			
1015	1185	1571	1598				
Multiple-conductor, thermoplastic insulation.							
2464	2468	2651	2725	2835	20251	20276	

Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.

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AVLV2.E331984
Appliance Wiring Material - Component

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Appliance Wiring Material - Component

[See General Information for Appliance Wiring Material - Component](#)

DONGGUAN WEISHENG CABLE CO LTD

E331984

3/F Building 2 No. 85 Shangjiao Tongguxia Rd.
 Changan Town
 Dongguan, Guangdong 523878 CHINA

Table of Recognized Styles

Single-conductor, thermoplastic insulation.

1007	1061	1354	1533	1589	1691	10800	10985
1015	1095	1365	1569	1617	1803	10981	11006
1032	1185	1430	1571	1672	10368	10982	

Multiple-conductor, thermoplastic insulation.

2095	2547	2725	2851	20251	21100	21304	21469
2464	2562	2791	2854	20276	21143	21307	
2468	2651	2835	2960	21099	21149	21311	

Single-conductor, thermoset insulation.

3173	3266	3302	3321	3385	3386		
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Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.

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PVC 膠料材質証明

序號	混合物	單位(KGS)	比例%
1	膠粉	100	47.62
2	可膠劑	75	35.72
3	穩定劑	4	1.91
4	填充劑	20	9.53
5	色料	IJJTLE	
6	耐燃料	3	1.43
7	滑劑	0.8	0.38

特性:

1 軟硬度測試 A72

2 耐燃測試 94V-2

我們射出成型時確實使用上述 PVC 混合物,其硬度數值是經過硬度測試器取之數值,此 PVC 混合物需符合 94V-2 攝氏之規格

东莞市智力胶袋有限公司

DON GGUAN ZHILI PLASTICS BAGS CO., LTD

地址：东莞市沙田镇杨公洲学洲村

电话: (0769) 88805111 88805222 88805333 传真: (0769) 88805618

材 质 证 明

名称: 塑胶袋

材料成份: polythylene

CAS-NO: 9002-88-4

耐温: 90°

东莞市智力胶袋有限公司



锦胜包装(深圳)有限公司

材质证明表

材质	K=K				
原纸	面纸	B坑芯	中纸	C坑芯	底纸
基重g/m ²	200	100	100	100	200
破裂强度 Kg/cm ²	≥5.0	——	——	——	≥5.0
产地	玖龙	玖龙			玖龙

注:B坑的坑高为 2.7 ± 0.2 mm;C坑高为 3.7 ± 0.2 mm



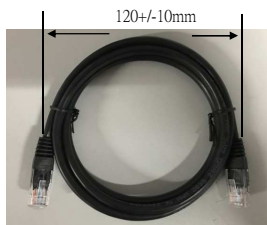
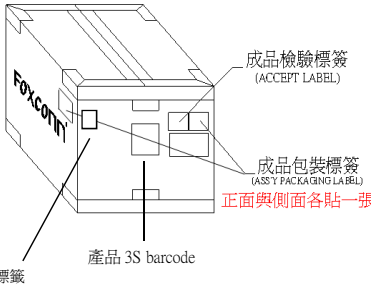




FOXCONN INTERCONNECT TECHNOLOGY LIMITED

包裝作業規範

環保要求
符合 EPI12 規定

				保密等級		☐ 機密 ☐ 密 ☒ 一般													
規範編號		EBJ-APCU-0**		PAGE		2/3		REV.	X1										
適用客戶				適用產品		CT8R02R-CGD04-DF		紙箱/隔板											
包裝作業圖示及說明						備 注													
 圖一:每PC產品尺寸如圖所示  圖二:將產品裝入PE袋中,將CONN頭朝下,再將自封袋袋口封好即可.  圖三：依圖組合刀卡,將產品側擺于卡槽之中,每個卡槽放7PCS,每層放70PCS,每箱放2層共140PCS一箱  5.產品單重: 0.05151Kg/pcs; 6.零數箱必須用包材填滿,產品放在上面,零數箱用黃色膠紙封箱. 每棧板最高放5層,具體依棧板出貨檢驗規範(編號:EB3-AIFW-002)作業. 7.產品標籤: foxconn® <table><tr><td>P/N:</td><td>CT8R02R-CGD04-DF #</td></tr><tr><td></td><td>\$\$\$ \$</td></tr><tr><td>C.P/N:</td><td>& *</td></tr><tr><td>DATE:</td><td>MM/DD/YY ☐</td></tr><tr><td>QTY:</td><td>_____ PCS</td></tr></table> MADE IN CHINA 標籤中"#"表示藍圖版次,"&"表示 客戶料號,"\$"表示HH料號,版次(限內交打印);"*"表示客戶版次,以最新版藍圖為準;"口"表示產地,如B代表深圳龍華,T代表台灣,C代表江西等.						P/N:	CT8R02R-CGD04-DF #		\$\$\$ \$	C.P/N:	& *	DATE:	MM/DD/YY ☐	QTY:	_____ PCS	1.每PCS產品尺寸如圖一所示 2.圖二:將產品裝入PE袋中,將CONN頭朝下,再將自封袋袋口封好即可. 3.外交方式:封合外箱,於外箱內先放入防水袋,然後放入1PC隔板,依圖組合刀卡,將產品側擺于卡槽之中,每個卡槽放7PCS,每層放70PCS,每箱放2層共140PCS一箱,裝滿後在最上面放1PCS 隔板,收合防水袋,封合外箱,並於外箱標籤粘貼處貼上產品包裝標籤(白),合格證,合格證上蓋"RoHS"章,外箱貼UL標籤, 4.內交方式:如圖三示放入,將產品側擺于卡槽之中,每個卡槽放7PCS,每層放70PCS,每箱放2層共140PCS一箱,層與層之間須加隔板,每裝滿一箱後於頂層加隔板一塊,隔板不須貼標籤,然後收合防水袋,封合外箱,外箱貼3S BARCODE,編號:BC-FOXC-01 ,並於外箱標籤粘貼處貼上產品包裝標籤(黃),合格證,合格證上蓋"RoHS"章,外箱貼UL標籤			
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