

# CTi

CHING TAI ELECTRIC WIRE&CABLE CO.,LTD

LONGTECH ELECTRIC WIRE&CABLE CO.,LTD

®

## 慶泰電線電纜有限公司

### SPECIFICATION FOR APPROVAL

# 承 認 書

PART NO: \_\_\_\_\_

CUSTOMER P/N:           C0997          

DESCRIPTION:           2919x5C          

REV.NO:           080910          

DATE:           2008/9/10          

SPE.NO:           M8S0884          

承 認 日 期	年 月 日
承 認 欄	



核準 (Approved): 馬剛要 審核 (Checked) 徐陸玲 制作 (Engineer): 劉國偉

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CABLE SPECIFICATION (線材規格書)

SPEC NO. :	2919x5C (28AWG+S)x5+AEB						
UL File NO. :	E81280-D	UL Style:	2919	Date:	2008/9/10	Spec. NO. :	M8S0884
Construction Item 結構項目				Component A			
Conductors 導體	Construction AWG (結構線規)	AWG	28				
	Conductors Size (導體規格)	No/mm	7/0.127+/-0.008				
	Material(導體材質)	--	Tinned Copper				
Insulators 絕緣	Material(絕緣材質)	--	Foam-PE				
	Diameter(芯線線徑)	mm	1.6+/-0.08				
	Average Thickness(平均厚度)	mm	0.5				
	Insulators NO.(芯線條數)	pcs	5C				
Inner Shield 內遮蔽	Shield(遮蔽方式)	--	Spiral				
	Material(導體材質)	--	Tinned Copper				
	Coverage(遮蔽率)	%	90				
Inner Jacket 中被	Material(材質)	--	PVC				
	Diameter(線徑)	mm	2.4+/-0.10				
	Average Thickness(平均厚度)	mm	0.22				
outside Layer 外絞合	Direction(絞向)	--	S(右向)				
Outer Tape 外包帶	Material(包帶材質)	--	Aluminium Mylar				
	Coverage(遮蔽率)	%	125				
Drain Wire 地線	Material(材質)	--	Tinned Copper				
	Construction AWG(結構線規)	AWG	24				
	Drain Size(地線規格)	mm	7/0.20+/-0.008				
Braid Shield 編織	Material(材質)	--	Tinned Copper				
	Coverage(遮蔽率)	%	90				
Jacket 外被	Material(材質)	--	PVC				
	Diameter(外徑)	mm	9.0+/-0.2				
	Min. Average Thickness(最小平均厚度)	mm	0.77				
	Color(顏色)	--	BLACK				





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CABLE SPECIFICATION (線材規格書)

Spec NO: M8S0884

Electric Characters

- 1.Voltage rating(額定電壓): 30V
- 2.Temperature rating(額定溫度): 80°C
- 3.Dielectric strength(耐壓強度): 500V AC/1min
- 4.Insulation resistance(絕緣阻抗): Foam-PE -----Min 100 mega ohms-km at 20°C
- 5.Conductor resistance(導體電阻): 28AWG-----Max 237.2 ohms/km at 20°C

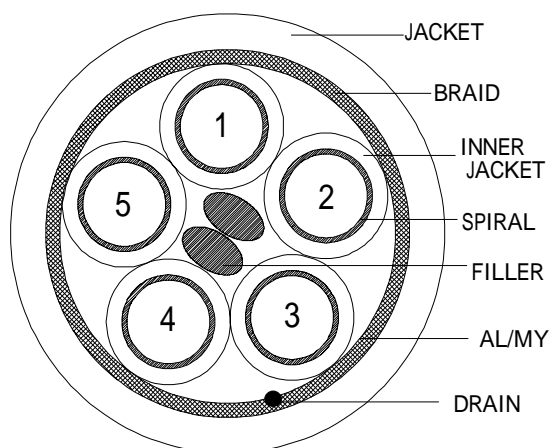
Physical Characters

- 1.Tensile strength test are before aging (老化前抗張強度測試)
  - 1.1 Jacket(外被)-----min 1500 psi(PVC)
- 2.Tensile strength test are after aging(老化後抗張強度測試)
  - 2.1 Jacket(外被)-----70% of before aging(PVC)
- 3. Elongation before aging (老化前伸長率)
  - 3.1 Jacket(外被)-----100%(PVC)
- 4. Elongation after aging (老化後伸長率)
  - 4.1Jacket(外被)-----65% of before aging(PVC)
- 5.Characteristic impedance (特性阻抗): 3C-----75+/-10% ohms.
- 6.Heavy metal test(重金屬測試): SONY-SS00259 Cd<5PPM,Pb<50PPM,Hg,Cr+6, PCB,PCN,PCT,CP,PBBS,PBDES, TBT,TPT,Asbestos,specifically AZO,Formaldehyde: N.D



Construction:

構造



Color code:

顏色代碼

- 1.BLUE(LIGHT BLUE)
- 2.GREEN(LIGHT GREEN)
- 3.RED(RED)
- 4.BLACK(BLACK)
- 5.GRAY(GRAY)

Marking  
印字

**CTi** AWM 2919 VW-1 80°C 30V LOW VOLTAGE COMPUTER  
CABLE E81280-D CHING TAI

Marking  
Color  
印字顏色

**WHITE**