

鼎泰豐電線電纜股份有限公司

DING TAI FENG ELECTRIC WIRE & CABLE IND. CO., LTD.

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產品規格書

本公司電腦檔號
(Program code) :

1015

10 #

-(顏色)

品名(Model):

鍍錫銅UL電子線 Tinned copper UL SingleWire

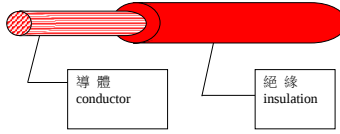
1015 10# Single wire

規格(Specifications):

UL/CSA : 105°C , 600 Vac , 750 Vdc ,

5.32mm² x 1P

構造圖(Constructional drawing):



一. 構造STRUCTURE

項目 item	材質 Material	規格 Spec.			最小厚度 Minimum thickness	最大厚度 Maximum thickness	標準厚度 Standard thickness	完成外徑範圍 Completes the outer diameter scope		標準完成外徑 Standard the outer diameter
導體 Conductor	鍍錫銅絞線 Tinned copper stranded wire	0.254mm	±	0.01mm	/105條	-	-	-	2.89 ~3.12mm	3.01mm
絕緣體 Insulation	PVC	軟質ROHS Soft & conforms to the ROHS test			0.915mm	1.175mm	1.05mm	4.72	~5.47mm	5.10mm

二. 電氣特性: Electric properties

項目 Item.	規格 Spec.
額定電壓溫度 Specified voltage and temperature	UL/CSA : 105°C, 600 Vac, 750Vdc.
火花試驗 Spark test	6 KV不穿破 The insulation must be withstand 5 KV high-tension current
耐電壓(20°C) Insulation potengial strength (20°C)	AC水中3000V/min. 3000V/min (for water's environment)
最小絕緣電阻(20°C) Minimum insulation resistance (20°C)	DC500V 15 MΩ·KM 以上↑
最大導體電阻(20°C) Max.conductor resistance Ohm/KM (20°C)	3.739 Ω/KM以下↓
容許電流(40°C) Admit Max. current (40°C)	約 55.3 A以下

三. 物理特性: Physical properties

項目 Item		絕緣體 Insulation
耐燃試驗 Based on standard of flammability material testing		依UL Subj.758規定合格之。According for UL Subj.758 list spec. 依CSA 規定合格之。According for CSA list spec
老化前試驗 Before of aging test	絕緣抗張強度 kg/mm ² Insulation tensile strength test kg/mm ²	1500psi ↑
	絕緣伸長率% Insulation elongation test rate %	100% ↑
老化後試驗 After of aging test	絕緣抗張殘率% Insulation tensile remnant rate %	老化後(136°C,168小時)為老化前值70% 以上 This amount must be above 70% Afeter heat ageing (136°C,168hrs)
	絕緣伸長殘率% Insulation elongates remnant rate %	老化後(136°C,168小時)為老化前值65% 以上 This amount must be above 65% Afeter heat ageing (136°C,168hrs)

四. 印字 :
Print list :芯線
Insulation partE309530
1 TYC CSA 301301 I A/B 10 AWG 105°C 600V FT1 FT2 ROHSAWM 1015 10AWG 105°C 600V VW-1
105°C 600V FT1字組數 :
The amount of printing

2組字體

字高 :
The height of printing

0.9mm