

UL 1015 CSA TEW	額 定 Range		導 體 Conductor		絕 緣 體 Insulation		公差值 Tolerance mm	最大導體 阻抗 Maximum Conductor Resistance Ω/km	最小絕緣 阻抗 Minimum Insulation Resistance $\text{M}\Omega\text{-Km}$	絕緣耐電 壓(VAC/min) Insulation Potential Strength
	溫度 Temp $^{\circ}\text{C}$	電 壓 Voltage V	線號 AWG	構 成 NO./mm	厚 度 Thickness mm	外徑 O.D. mm				
Stranded 多 芯 線	105 $^{\circ}\text{C}$	600V	26	7/0.160	0.76	2.08	± 0.10	152.0	15	2000
			24	11/0.160	0.76	2.20	± 0.10	88.6		
			22	17/0.160	0.76	2.40	± 0.10	62.5		
			20	21/0.180	0.76	2.60	± 0.15	39.5		
			18	34/0.180	0.76	2.80	± 0.15	24.4		
			16	26/0.254	0.76	3.10	± 0.15	15.6		
			14	41/0.254	0.76	3.50	± 0.20	9.90		
			12	65/0.254	0.76	4.10	± 0.20	6.24		
			10	105/0.254	0.76	5.10	± 0.25	4.15		

RoHS Compliant

TOLERANCES ARE

照片框

ORDER INFORMATION

UL1015-xxBK1R-610M-LF
 SERIES 1 REEL 610M LEADFREE
 BLACK
 10~26 AWG

DESCRIPTION:

MORETHANALL
 PCB CONNECTORS
 Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1:1

DATE

SIZE A4

PPOJECTION

X, $\pm$
 .X $\pm$
 .XX $\pm$
 .XXX $\pm$
 ANG $\pm$

SPECIFICATION

型號 STYLE				UL 1015								CSA TEW	
額定溫度/電壓 RATING TEMP./VOLT.				105°C/600V								105°C/600V	
導體 CONDUCTOR	線號 SIZE		AWG	26	24	22	20	18	16	14	12	10	SAME AS UL
	芯數 NUMBER		NO.	7	11	17	21	34	26	41	65	105	
	銅線直徑 DIAMETER		MM	0.160	0.160	0.160	0.180	0.180	0.254	0.254	0.254	0.254	
	最小銅線直徑 MIN.DIAMETER		MM	0.150	0.150	0.150	0.170	0.170	0.240	0.240	0.240	0.240	
	導體截面積 CROSS SEC AREA OF COND	AVG	CM	258	404	640	1020	1620	2580	4110	6530	10380	
		MIN		248	392	627	989	1571	2503	3987	6334	10069	
	絞距 LAY OF BUNCH		INCH	0.60	0.70	0.80	1.25	2.00	2.00	2.00	2.00	2.00	
最大電阻 MAX.RESISTANCE		Ω/KM	152	88.6	62.5	39.5	24.4	15.6	9.90	6.24	4.15		
絕緣體 INSULATION	完成外徑 O.D		MM	2.08	2.20	2.40	2.60	2.80	3.10	3.50	4.10	5.10	
	絕緣體厚度 INSULATION THICKNESS	AVG	MIL	30(0.76mm)								30	
		MIN		27(0.68mm)								27	
	外被厚度 JACKET THICKNESS	AVG	MIL	/								/	
		MIN		/								/	
最小絕緣電阻 INSULATION RESISTANCE			MΩ/KM	15								15	
火花試驗 SPARK TEST			KV	5								7	
最小伸長率 ELONGATION			%	100								100	
最小抗張強度 TENSIL STRENGTH			PSI	1500								1500	
最小老化後伸長率 LO.(AFTER AGING)			%	OF UNAGED 65								65	
最小老化後抗張強度 TEN.ST.(AFTER AGING)			%	OF UNAGED 70								75	
老化試驗溫度/條件 AGING TEMP./TIME				136°C/168HRS								136°C/48HRS	
耐油試驗 OIL IMMERSION TEST				100°C/96HRS 50%								70°C/4HRS 75%	
耐燃燒試驗 FIAME TEST				VW-1								FT1	
高溫纏繞試驗 HEAT SHOCK TEST				136°C/1HR 2.54MM MANDREL								131°C/14DAYS	
加熱變形試驗 DEFORMATION TEST				136°C/1HR 500G 50%								131°C/1HR 500G 50%	
低溫纏繞試驗 COLD BEND TEST				-10°C/1HR 6.4MM MANDREL								-30 °C/1HR	
耐電壓試驗 INSULATION POTENTIALST				2KVAC/min								2KVAC/min	

MARK:  AWM 1015 VW-1 105°C 600V E108485-S ()AWG REI HSING CSA TEW 105°C 600V LL84687 ()AWG FT1 -F- LF

UL 1015 HOOK-UP WIRE

說明:

- 導體使用單條或絞線 30-2AWG 裸銅或鍍錫銅
- 環保 PVC 絕緣
- 額定溫度:105°C, 額定電壓:600Volts
- 可通過 UL VW-1 及 CSA FT1, 垂直型耐燃測試。

應用:

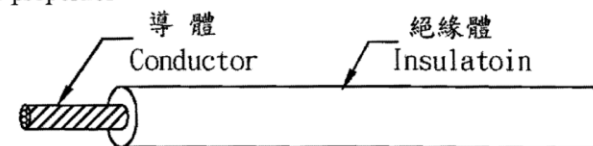
- 用於一般電器產品內部配線
- Applications:
● For internal wiring of appliances.

Product Description:

- Solid or stranded tinned or bare copper conductor, 30-2 AWG
- Lead free PVC insulation.
- Rated temperature: 105°C, Rated voltage: 600volts.
- Uniform thickness of wire to ensure easy stripping and cutting
- Passes UL VW-1 & CSA FT1 vertical flame test.

構造及電氣性能

structure & electric properties



RoHS Compliant

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X. ± 0.30

CHECKED BY GENIUS

X. ± 0.30

UNIT / mm

SCALE 1 : 1

.XX ± 0.20

DATE

.XXX ± 0.10

SIZE A4

PPOJECTION 

ANG ± 1°