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SPECIFICATION規格書

Specification 規格書

Name 品名 : UL 1332 HOOK-UP WIRE 【TEFLON】
 Spec 規格 : 24AWG 200°C 300V

No.項次	Item(項目)	Value(規格值)	公差
Conductor Structure 導體結構			
1.	Cond. Material (導體材質)	Tinned Copper	-----
2.	Cond. Structure (導體結構)	0.12 mm / 19	± 0.008mm
3.	AWG / mm ² (美規公稱)	24AWG	-----
4.	No. of Core(芯線數目)	1C	-----
Insulation Structure 絕緣層結構			
5.	Ins. Material (材質)	-----	-----
6.	Ins. Thickness (厚度)	-----	mm
7.	Inner Wire Dia. (芯線外徑)	-----	± 0.10mm
8.	Ins. Color (芯線顏色)	-----	-----
Outside Jacket 外被披覆			
9.	Sheath Material (材質)	Teflon FEP (F46)	-----
10.	Sheath Thickness (厚度)	13 mils	mm
11.	Overall Diameter (總完成外徑)	1.26 mm	± 0.10mm
12.	Sheath Color (外被顏色)	BLACK 黑色	-----
Electronis Characters 電氣特性			
13.	Rated Voltage (額定耐壓)	300 V	V
14.	Rated Temperature (額定耐溫)	200 °C	°C
15.	C-Resistance (導體電阻)	88.6 Ω /Km ↓ (20°C)	Max Value
Certification UL 國際認證			
16.	Certificate File Number	E334926 / AVL.V.2	-----
MARK	AWM STYLE 1332 STANDARD MARK		

Structural Configuration (結構圖):



HOOK UP WIRE
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Technical information 技術資料

AWM 1332 FEP TEFLON HOOK-UP WIRE

Application

AWM 1332 Cable is extreme temperature and voltage requirements can test the reliability of your wiring and even the equipment itself, reliable hook-up and lead wire that meets applicable UL, CSA, and other industry standards.

Design

Rating 200 deg C , 300 Vac , cable flame VW-1 、 FT1 、 FT2
 Design Design based on standard UL 758
 Conductor Fine wire strands of Tinned annealed copper wires acc to VDE Class 5
 Outer sheath FEP Teflon
 Application Internal wiring of Appliances or electronic equipment.
 Core identification code As Following Table 1 Color code

Electrical properties at 20°C

Conductor resistance

Cross section [AWG]	max [Ω/km]
30 AWG	397.0
28 AWG	248.0
26 AWG	152.0
24 AWG	88.6
22 AWG	62.50
20 AWG	39.50
18 AWG	24.40
16 AWG	15.60
14AWG	9.08
12AWG	6.30
10AWG	3.50

Approval

AWM Style Compliance UL/cUL file 

Mechanical and thermal properties

Minimum bending radius Fixed installation: 15 x cable Ø
 Sprak voltage 2000 Vac / minute
 Temperature range Fixed installation: 200 °C
 Flammability Flame retardant acc. to VW-1 / IEC 60332-1-2
 General requirements RoHS Compliant
 (Restriction of the use of certain hazardous substances)

Table 1. Color code Acc to DIN 47100

Core Identification	1	2	3	4	5	6	7	8	9	10
Insulation. color	White	Brown	Green	Yellow	Grey	Pink	Blue	Red	Black	Violet