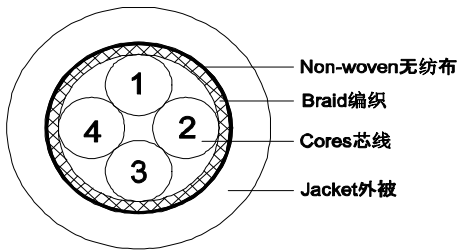


Cross Section



Marking

E148000 AWM STYLE 21223 80C 600V VW-1 ---
AWM I/II A/B 80C 600V FT1 -LF- PCXX LTK

Description

Rated Voltage (V) 600
Rated Temperature (°C) 80
Product Standard Certification UL
Flammability Test VW-1 ; FT1
Application
External wiring of electronic equipment and appliances.
Reference Standard
UL758, UL1581 & CSA C22.2 No.210

Construction

4Cores Stranded Tinned Copper
AWG 24
Construction 19/0.127
Stranded Dia. (mm) 0.64
Insulation PP
Nom. Thickness (mm) 0.38
Insulation Dia. (±0.10mm) 1.50
Cabling 4C
Braid shield Tinned Copper
Single Conductor(mm) 0.12
Coverage Area(%) >=75
Non-woven(Coverage,%) 100
Jacket PU
Nom. Thickness (mm) 0.76
Min. Thickness (mm) 0.61
Cable Dia. (+0.15mm) 5.95

Color

Insulation :
1.Black 2.Brwon 3.Red 4.Whtie

Jacket :
According to the customer's requirements.

Performance

Electrical Characteristics:
Dielectric Strength (kV/min) 2.0
Max. DC Resistance at 20°C (Ω/km) 94.20

Mechanical Characteristics:

Test Object		Jacket
Test Material		PU
Before Tensile Strength (Mpa)		>=10.35
Aging Elongation (%)		>=100
Aging Condition (°C)		113±2°C x 168 hrs
After Tensile Strength (Mpa)		>=70% of original
Aging Elongation (%)		>=65% of original
Deformation (121±2°Cx2Kg)		<=50%
Cold Bend(-20±2°Cx4hrs)		No crack
Heat Shock(113±2°Cx1hrs)		No crack

Dick1703008

Part P/N:

Customer:

Ref. spec No. :

Rev.: 0

Revision History



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- LTK Electric Wire (Changzhou) Ltd • LTK Cable (Chongqing) Ltd
- Dalian LTK Electric Wire Ltd

Prepared by: Dean 29-Jun-18 Table No.:TFA046
Approved by: KAKA 29-Jun-18

Rev.: 7
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* Usage instruction:

Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment.
not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire , please contact with our sales .
When customers purchase our products,they should test to verify whether the products is applicable to the usage.