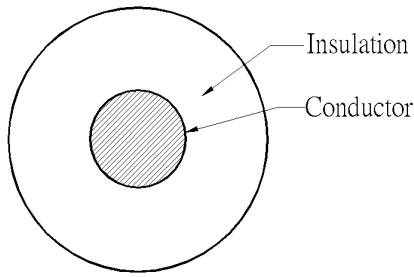


Cross Section



Performance

Electrical Characteristics:
 Min. Insulation DC Resistance (MΩ*km) 0.44
 Dielectric Strength (kV/min) 2.5
 2500 volt peak - For Electronic Use Only.

Marking

E148000 ㉑ AWM STYLE 3271 1AWG 125°C 600V H
 -LF- PCXX LTK

Description

Rated Voltage (V)	600
Rated Temperature (°C)	125
Product Standard Certification	UL
Flammability Test	H

Application

For use as Motor Leads or Internal Wiring of appliances

Reference Standard

UL758, UL1581

Construction

Conductor	Stranded Tinned Copper
AWG	1
Construction	7/58/0.40
Stranded Dia. (mm)	9.92
Insulation	XL-PE
Nom. Thickness (mm)	1.40
Min. Thickness (mm)	1.27
Insulation Dia. (±0.40mm)	13.20

Color

Available colors from:
 Black / Brown / Red / Orange / Yellow / Green / Blue / Violet
 Gray / White / Light Blue / Pink / Light Green / Light Gray

CHANCE14148

Part No. : -----

Ref. spec No. : SK-3271-072 Rev.: 0

Revision History

Mechanical Characteristics:

Test Object

Test Material

Before Tensile Strength (Mpa)
 Aging Elongation (%)

Aging Condition

After Tensile Strength
 Aging Elongation

Insulation

XL-PE

≥ 13.79

≥ 300

158±2°C x 168 hrs

≥ 80% of original

≥ 80% of original



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- Dalian LTK Electric Wire Ltd
- Huizhou LTK Electronic Cable Ltd
- LTK Cable (Chongqing) Ltd

Prepared by: CHANCELV 2015.07.13 Table No.:TFA046 Rev.: 6

Approved by: KAKA 2015.07.13 Page 1 of 1

*** 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.