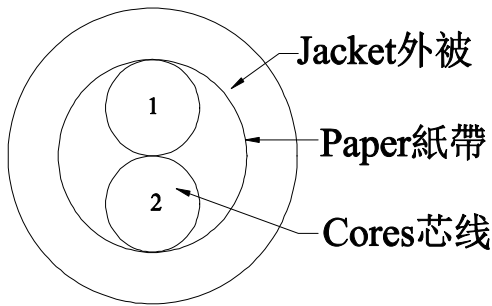


Cross Section



Marking

E148000 ㉑ AWM STYLE 2464 24AWG 80°C 300V VW-1 ---
 ㉑ AWM I/II A/B 80°C 300V FT1 -LF- PCXX **LTK**

Description

Rated Voltage (V)	300
Rated Temperature (°C)	80
Product Standard Certification	UL
Flammability Test	VW-1

Application

For internal wiring or external interconnection of electronic equipment.

Reference Standard

UL758, UL1581 & CSA C22.2 No.210

Construction

2 Cores	Stranded Tinned Copper
AWG	24
Construction (mm)	7/0.20
Stranded Dia. (mm)	0.60
Insulation	SR-PVC
Nom. Thickness (mm)	0.23
Insulation Dia. (±0.08mm)	1.12
Cores Assembly	2C
Paper(Coverage)	100%
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Cable Dia. (±0.20mm)	4.00

Dick1704035

Sample No. :

Ref. spec No. :

Rev.: 0

Revision History

Color

Insulation :

1.Yellow 2.Black

Jacket :

According to the customers' requirements.

Performance

Electrical Characteristics:

Dielectric Strength (kV/min)	2.0
Max. DC Conductor Resistance at 20°C (Ω/km)	94.2

Mechanical Characteristics:

Test Object

Test Material

Jacket

PVC

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°C x 1hr

Cold Bend

≤ 50%;(2Kg)

Heat Shock

-20±2°C x 4hrs

No crack

121±2°C x 1hr

No crack



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

Prepared by: Dick 29-Apr-17 Table No.:TFA04€ Rev.:7
 Approved by: KAKA 29-Apr-17 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.