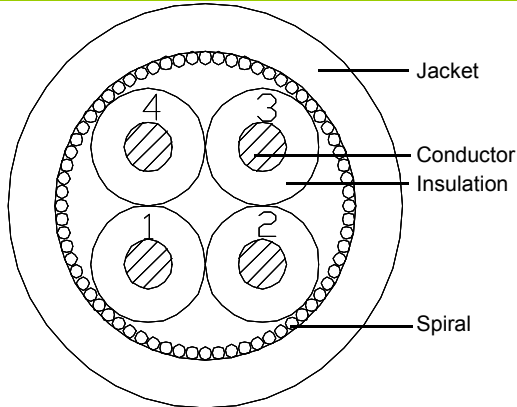


UL 2851 MULTI - CONDUCTOR WIRE

Cross Section



Color

Insulation :
1.white 2.black 3.blue 4.red

Jacket:
Per request

Marking

E148000 **UL** AWM STYLE 2851 32AWG 80°C 30V VW-1
--- c **UL** AWM I/II A/B 80°C 30V FT1-LF-PCXX **LTK**

Description

Rated Voltage (V)	30
Rated Temperature (°C)	80
Product Standard Certification	UL

Application

For internal wiring and external interconnector of electronic equipment

Reference Standard

UL758,UL1581&CSA C22.2 NO.210.2

Construction

4 Cores

Conductor	Stranded Tinned Copper
AWG	32
Construction(mm)	7/0.08
Stranded Dia.(mm)	0.24
Insulation	SR-PVC
Min. Thickness (mm)	0.09
Nom. Thickness (mm)	0.12
Insulation Dia. (±0.06mm)	0.48
Assembly	4C
Direction	S
Spiral Shield	Tinned Copper
Construction(mm)	38+/-2/0.10
Direction	Z
Jacket	PVC
Min. Thickness (mm)	0.19
Nom. Thickness (mm)	0.26
Dia. (±0.10mm)	1.87

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km)	597.1
Dielectric Strength(kV/min)	0.50

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Tensile Strength (Mpa)	≥ 20.7	≥ 10.3
Elongation (%)	≥ 100	≥ 100
Aging Condition (°C)	113±2°C X 168 hrs	
After Tensile Strength (Mpa)	≥ 70%(original)	≥ 70%(original)
Aging Elongation (%)	≥ 70%(original)	≥ 65%(original)

Part NO.:

Ref. spec No.: SK-2851-611

Rev.: 0

Revised History



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- Dalian LTK Electric Wire Ltd.
- LTK Industries (Suzhou) Ltd.
- LTK Cable (Chongqing) Ltd.

Prepared by:wumin 6-Aug-09 Table No:TFA046 Rev.: 4
Checked by:CICI 6-Aug-09 Page 1 of 1