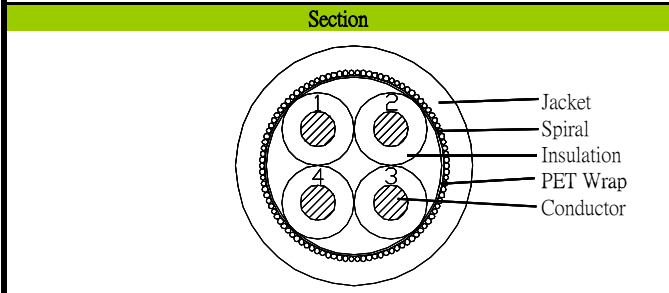


UL 2854 MULTI-CONDUCTOR SHIELDED WIRE



Marking

Jacket:
 E148000 **UL** AWM STYLE 2854 28AWG 80°C 30V
 VW-1 PCXX **LTK**

Description

Rated Voltage (V)	30
Rated Temperature (°C)	80
Product Standard Certification	UL
Flammability Test	VW-1, CSA FT1

Application

For internal wiring of electronic equipment in class 2 systems

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

Construction

Conductor	Stranded Tinned Copper
4 Cores	
AWG	28
Construction(mm)	7/0.127
Dia. (mm)	0.38
Insulation	SR-PVC
Min. Thickness (mm)	0.19
Nom. Thickness (mm)	0.24
Insulation Dia. (±0.08mm)	0.85
Assembly	4C
Direction	S
PeT Tape(Overlapping,%)	>=25
Spiral	Tinned Copper
Construction(mm)	60+/-4/0.10
Direction	Z
Jacket	PVC
Min. Thickness (mm)	0.34
Nom. Thickness (mm)	0.40
Dia. (±0.15mm)	3.10

Color

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

Jacket colors:
 Per request

Ref. spec No.:SK-2854-613 Rev.:0

Revision History

Performance

Electrical Characteristics

Max DC Resistance at 20°C (Ω/km)	224
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Mechanical Characteristics

Test Object		Insulation	Jacket
Test Material		SR-PVC	PVC
Before	Tensile Strength (Mpa)	≥ 20.7	≥ 10.3
Aging	Elongation (%)	≥ 100	≥ 100
Aging Condition (°C)		113±2°C X 168 hrs	
After	Tensile Strength (Mpa)	≥ 70% of original	≥ 70% of original
Aging	Elongation (%)	≥ 70% of original	≥ 65% of original
Flame test			VW-1

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- Shanghai LTK Electric Wire Ltd.
- Shanghai LTK Electronic Cables Ltd.
- Dalian LTK Electric Wire Ltd.

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 Approved By: CICI 2007/3/9 Page 1 of 1