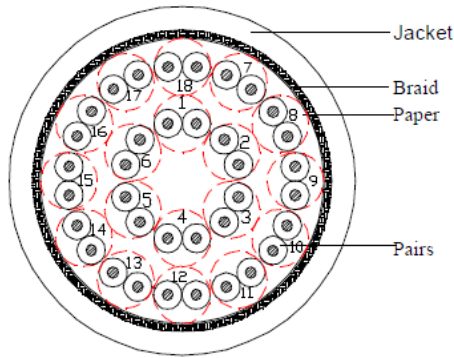


Cross Section



Marking

E148000 AWM STYLE 2789 60°C 30V VW-1 -LF- PCXX

Description

Rated Voltage (V) 30
 Rated Temperature (°C) 60
 Product SBlackdard Certification UL
 Flammability Test VW-1
 Application
 Internal wiring or external interconnection of electronic equipment.
 Reference SBlackdard
 UL758, UL1581, CSA C22.2 No210

Construction

Conductor Stranded Tinned Copper
 36 Cores 18P
 AWG 28
 Construction 7/0.127
 Dia. (mm) 0.38
Insulation SR-PVC
 Nom. Thickness (mm) 0.11
 Min. Thickness (mm) 0.08
 Insulation Dia. (±0.05mm) 0.60
Cores Twist 2C
Direction S
 Assembly 18P
Direction S
 Paper (overlapping,%) >=25%
Braid Tinned copper
 Construction 24/6/0.12
 Coverage (%) >=80
Jacket PVC
 Nom. Thickness (mm) 0.76
 Min. Thickness (mm) 0.61
 Outer Dia. (±0.30mm) 7.40

Sample No:

ASM P/N : SK-B2789-610

Packing: 200M/R

Ref. spec No.: Rev.: 0

Revision History

Color

Wire identification colors

Pair	Color of Insulation
1	White-Black
2	White-Brown
3	White-Red
4	White-Orange
5	White-Yellow
6	White-Green
7	White-Blue
8	White-Purple
9	White-Gray
10	White-Pink
11	Black-Brown
12	Black-Red
13	Black-Orange
14	Black-Yellow
15	Black-Green
16	Black-Blue
17	Black-Purple
18	Black-Gray

Jacket according to the customer's requirement

Performance

Electrical Characteristics(20°C)

Max. Conductor DC Resistance (ohms/km) 239
 Dielectric Strength (kV/min,AC) 0.5
 Min. Insulation DC Resistance(MΩ.km) 10.0

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)	100±2°C x 168 hrs	
After Tensile Strength (Mpa)	≥ 70% of origina	≥ 70% of original
Aging Elongation (%)	≥ 70% of origina	≥ 65% of original

BMM140891-2



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

Prepared by BMM 30-Oct-14 Table No.:TFA046 Rev.:6
 Approved by KAKA 30-Oct-14 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 sale When customers purchase our products,they should test to verify whether the products is applicable to the usage.