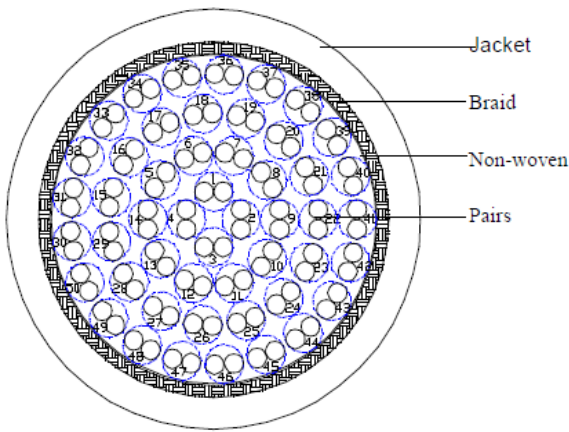


Cross Section



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

100 Cores Stranded Tinned Copper 50P
 AWG 28
 Construction 7/0.127
 Dia. (mm) 0.38
Insulation SR-PVC
 Min. Thickness (mm) 0.08
 Nom. Thickness (mm) 0.11
 Insulation Dia. (±0.08mm) 0.60
Cores Twist 2C
Direction S
 Assembly Construction 50P
Direction S
 Non-Woven (overlapping,%) >=25%
Braid Tinned copper
 Construction (mm) 24/9/0.12
 Coverage (%) >=80
Jacket PVC
 Min. Thickness (mm) 0.61
 Nom. Thickness (mm) 0.76
 Outer Dia. (±0.35mm) 10.50

Sample No: -----

ASM P/N : SK-B-2789-600

Packing: 100M/R

Ref. spec No.: Rev.: 0

Revision History

Color

Wire identification colors

Pair	Color of Insulation	Pair	Color of Insulation
1	White-Black	26	Brown-Gray
2	White-Brown	27	Brown-Pink
3	White-Red	28	Red-Orange
4	White-Orange	29	Red-Yellow
5	White-Yellow	30	Red-Green
6	White-Green	31	Red-Blue
7	White-Blue	32	Red-Purple
8	White-Purple	33	Red-Gray
9	White-Gray	34	Red-Pink
10	White-Pink	35	Orange-Yellow
11	Black-Brown	36	Orange-Green
12	Black-Red	37	Orange-Blue
13	Black-Orange	38	Orange-Purple
14	Black-Yellow	39	Orange-Gray
15	Black-Green	40	Orange-Pink
16	Black-Blue	41	Yellow-Green
17	Black-Purple	42	Yellow-Blue
18	Black-Gray	43	Yellow-Purple
19	Black-Pink	44	Yellow-Gray
20	Brown-Red	45	Yellow-Pink
21	Brown-Orange	46	Green-Blue
22	Brown-Yellow	47	Green-Purple
23	Brown-Green	48	Green-Gray
24	Brown-Blue	49	Green-Pink
25	Brown-Purple	50	Blue-Purple

Jacket

According to the customer's requirements.

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

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Before Tensile Strength (Mpa)	≥ 20.7	≥ 10.30
Aging Elongation (%)	≥ 100	≥ 100
Aging Condition(°C)	100±2°C x 168 hrs	
After Tensile Strength (Mpa)	≥ 70% of original	≥ 70% of original
Aging Elongation (%)	≥ 70% of original	≥ 65% of original

BMM140889-2



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- LTK Electric Wire (Jintan) Ltd
- 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 sales. When customers purchase our products, they should test to verify whether the products is applicable to the usage.