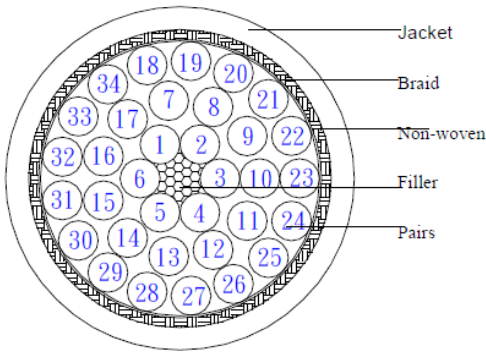


Cross Section



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
 68 Cores 34P
 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
Filler Yes
 Assembly 34P+Filler
Direction S
Non-woven (overlapping,%) >=25%
Braid Tinned copper
 Construction 24/8/0.12
 Coverage (%) >=80
Jacket PVC
 Nom. Thickness (mm) 0.76
 Min. Thickness (mm) 0.61
 Outer Dia. (±0.45mm) 9.60

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-Blue
6	White-Green	31	Red-Green
7	White-Blue	32	Red-Purple
8	White-Purple	33	Red-Gray
9	White-Gray	34	Red-Pink
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		
19	Black-Pink		
20	Brown-Red		
21	Brown-Orange		
22	Brown-Yellow		
23	Brown-Green		
24	Brown-Blue		
25	Brown-Purple		

Jacket according to the customer's requirement

Performance

Electrical Characteristics(20°C)

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

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Before Tensile Strength (Mpa)	≥ 20.7	≥ 10.35
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

BMM140892-2

Sample No: -----

ASM P/N : SK-2789-603

Ref. spec No.: SK-2789-016 Rev.: 0

Revision History



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

Prepared by: LQL 2015.03.31 Table No.:TFA046 Rev.:6
 Approved by: KAKA 2015.03.31 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.