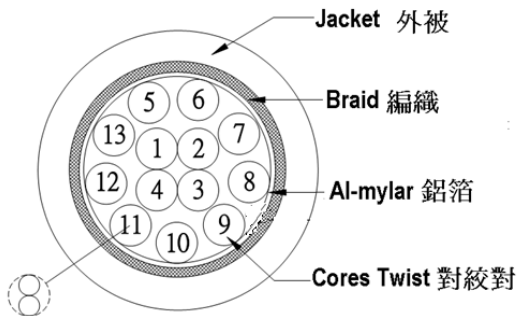


Cross Section



Color

Cores colors:

- 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

Marking

E148000 AWM STYLE 2789 60°C 30V VW-1 ---  
 AWM I/II A/B 60°C 30V FT1 -LF- PCXX LTK

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  
 26 Cores 13P  
 AWG 28  
 Construction 7/0.127  
 Dia. (mm) 0.38  
**Insulation** SR-PVC  
 Nom. Thickness (mm) 0.16  
 Min. Thickness (mm) 0.10  
 Insulation Dia. (±0.08mm) 0.70  
**Cores Twist** 2C  
**Direction** S  
 Assembly 13P  
 Direction S  
 Al-mylar (overlapping,%) ≥25%  
**Braid** Tinned copper  
 Construction 16/9/0.10  
 Coverage (%) ≥75  
**Jacket** PVC  
 Nom. Thickness (mm) 0.85  
 Min. Thickness (mm) 0.61  
 Outer Dia. (±0.30mm) 7.20

LQL-15167

Sample No: -----

Packing: 200M/R Customer

Ref. spec No.: Rev.: 0

Revision History

Performance

Electrical Characteristics(20°C)

Max. Conductor DC Resistance (ohms/km) 239  
 Dielectric Strength(kV/min) 0.50

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 |



LTK INTERNATIONAL LIMITED

Suite 502, Concordia Plaza, 1 Science Museum Road  
 Tsimshatsui East, Kowloon, Hong Kong  
 Tel : (852) 2382 1133 Fax : (852) 2480 6327  
 Email : sales@ltkable.com URL : www.ltkable.com

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

Prepared by: LQL 2015.04.01 Table No.:TFA046 Rev.:6  
 Approved by: KAKA 2015.04.01 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.