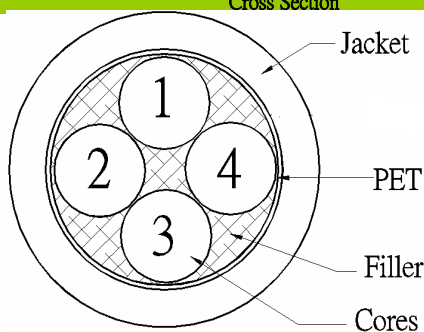


Cross Section



Marking

2280879-2 E148000 AWM STYLE 2587 10AWGX4C 90°C 600V
 VW-1 --- AWM I/II A/B 90°C 600V FT4 -LF- PCXX

Description

Rated Voltage (V)	600
Rated Temperature (°C)	90
Product Standard Certification	UL
Flammability Test	VW-1&FT4

Application

For internal wiring or external interconnection of electronic equipment.

Reference Standard

UL758, UL1581 & CSA C22.2 No.210

Construction

4Cores	Stranded Bared Copper
AWG	10
Construction (mm)	105/0.254
Stranded Dia. (mm)	3.00
Insulation	PVC
Nom. Thickness (mm)	0.65
Insulation Dia. (±0.15mm)	4.30
Filler	Yes
Cores Assembly(mm)	4C+Filler
PET(overlapping,%)	>=25
Jacket	PVC
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Cable Dia. (±0.30mm)	12.30

Color

Insulation :
 1.Black 2.Red 3.Blue 4.Green/Yellow

Jacket :

According to the customer's requirements.

Performance

Electrical Characteristics:

Dielectric Strength (kV/min)	2.0
Max. DC Resistance at 20°C (Ω/km)	3.41

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 10.35
Aging Elongation (%)	≥ 100
Aging Condition (°C)	121±2°C x168hrs
After Tensile Strength (Mpa)	≥ 70% of original
Aging Elongation (%)	≥ 65% of original
Deformation	121±2°C x1hr ≤ 50%;(2kg)
Cold Bend	-20±2°C x4hrs No crack
Heat Shock	121±2°C x1hr No crack

Part No.:

Ref. spec No. : SK-2587-033 Rev: 0

Revision History



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: EMMA 2014.06.25 Table No.:TFA046 Rev.: 6
 Approved by: KAKA 2014.06.25 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.