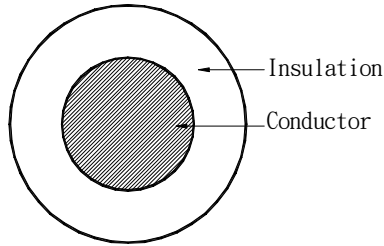


Cross Section



Marking

E148000 AWM STYLE 1685 30AWG 105C 30V VW-1 ---
 AWM I A 105C 30V FT1 -F- -LF- PCXX LTK

Description

Rated Voltage (V) 105
 Rated Temperature (°C) 30
 Product Standard Certification UL & JQA
 Flammability Test VW-1, CSA FT1

Application

For general purpose internal wiring of electronic equipment

Reference Standard

UL758, UL1581 & CSA C22.2 No. 210

Construction

1 Cores **Stranded Tinned Copper**
 AWG 30
 Construction 7/0.10
 Stranded Dia. (mm) 0.30
Insulation **PVC**
 Nom. Thickness (mm) 0.26
 Min. Thickness (mm) 0.22
 Insulation Dia. (±0.04mm) 0.82
Weight (kg/km) -----

Color

Available colors from:
 Black / Brown / Red / Orange / Yellow / Green / Blue / Violet
 Gray / White / Light Blue / Pink / Light Green / Light Gray

Part No.: -----

Ref. spec No. : 1685-002 Rev.: 0

Revision History

Performance

Electrical Characteristics:

Dielectric Strength (kV/min) 2.0
 Max. DC Resistance at 20°C (ohms/km) 354.0

Mechanical Characteristics:

Test Object

Test Material
 Before Tensile Strength (Mpa)
 Aging Elongation (%)
 Aging Condition (°C)
 After Tensile Strength (Mpa)
 Aging Elongation (%)
 Deformation (121±2°Cx250g)
 Cold Bend(-20±2°Cx4hrs)
 Heat Shock(136±2°Cx1hrs)

Insulation

PVC
 ≥10.35
 ≥100
 136±2°C x 168 hrs
 ≥70% of original
 ≥65% of original
 ≤50%
 No crack
 No crack



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

Prepared by: Adachen 2004.06.14 Table No.:TFA04€ Rev.: 6

Approved by: KaKaOY 2004.06.14 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.