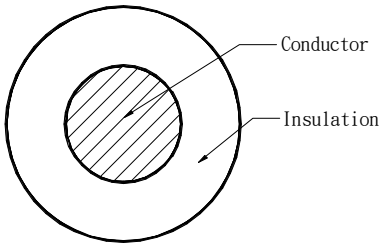
UL 10316

Sample No.: ----------

Cross Section



Marking

None

Description

Rated Voltage (V)	600
Rated Temperature (℃)	125
Product Standard Certification	UL
Flammability Test	VW-1 & CSA FT1

Application

Internal wiring of electronic equipment, such as electronic computers.

Reference Standard

UL758, UL1581 & CSA C22.2 No.210

Construction

1 Core

Conductor	**Stranded Tinned Copper**
AWG	28
Construction(mm)	7/0.127
Stranded Dia. (mm)	0.38
Insulation	**ETFE**
Nom. Thickness (mm)	0.18
Min. Thickness (mm)	0.14
Insulation Dia. (±0.05mm)	0.80

Color

Available colors from:

Black / Brown / Red / Orange / Yellow / Green / Blue / Violet
Gray / White / Light Blue / Pink / Light Green / Light Gray

Dick1708051

Sample No. : ----------

Ref. spec No. : Rev: 0

Revision History

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20℃ (Ω/km)	239.0
Dielectric strength(kV/min)	2.0

Mechanical Characteristics:

Test Object		**Insulation**
Test Material		ETFE
Before Aging	Tensile Strength (Mpa)	≧34.5
	Elongation (%)	≧100
Aging Condition		180±2℃ X 168 hrs
After Aging	Tensile Strength (Mpa)	≧85% of original
	Elongation (%)	≧75% of original

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• Dalian LTK Electric Wire Ltd

Prepared by: Dick 23-Aug-17 Table No.:TFA046 Rev.7
Approved by: KAKA 23-Aug-17 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.