

Specification

**PVC INSULATED WIRE
UL1007 22AWG TD-LF-**

Description:

Rate temperature: 80°C

Rate voltage: 300V

Reference standard: UL CSA -F-

Structure:

Conductor:

Size : 22AWG /1C
Construction: 1/0.643mm
Resistance(@20°C ,max): 59.4ohm/km
Material: Tinned Annealed Solid Copper

Insulation:

Min Ave Thickness: 0.38mm
Min Any point Thickness: 0.33mm
Core Dia.(+/-mm): 1.43±0.08mm
Material: PVC
Core Color: Optional

Performance

Physical Character:

Insulation:

(113 ±1.0°C ×168 H) Unaged Aged
Tensile Strength 1500 PSI MIN. 70% Unaged MIN.
Elongation 100 % MIN. 65% Unaged MIN.

Heat Shock Test: No Crack (121 ±2.0°C ×1 H)

Cold Bend Test: No Crack (-10 ±2.0°C ×4 H)

Deformation Test: T2/T1 >50% (121±2.0°C ×1 H)

Flame Test: VW-1

Spark Test: 3000V

Voltage-Withstand Test: 2000V for 1min

Marking:

**AWM 1007 22AWG VW-1 80°C 300V E77981
WONDERFUL-D CSA AWM I A FT1 90°C 300V
LL43774 -F- -LF-**

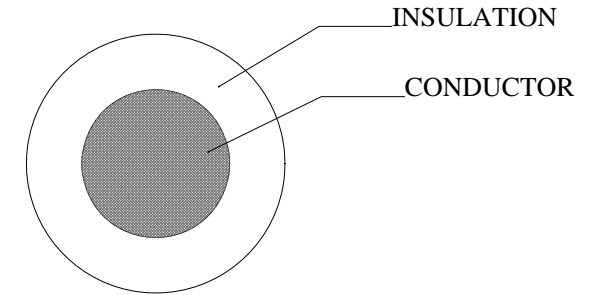
The Environmental Statement:

All the parts, materials and products conform to RoHS.
Cd<5ppm,Pb<100ppm.

Remark:

**The direct-current resistance shall be used for determining
conductor size and cross-sectional area.
Please see the section 5.3.4 of UL758.**

Construction Section Drawing



Revised Record

Customer Approve

Signature _____ Date _____

Wonderful Photoelectricity(Dongguan)Co.,Ltd

Part No.	E0722TD009		
Approved	Lizhichen	Rev	2.0
Checked	Hehao	Date	2012-09-18
Drawing	Wangxi	Page	1 of 1