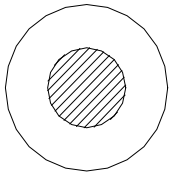
# Datasheet

| | |
|---|---|
| **Product Name:** | UL1015 22AWG |
| **Product Discription:** | UL1015 22AWG |
| **Specification No.:** | SPEC-UL1015-22AWG |
| **Customer's Name:** | |

## Description

| | |
|---|---|
| **Rated Voltage:** | 600V |
| **Rated Temperature:** | 105℃ |
| **Reference Standard:** | UL758,UL1581 |

## Cross Section



## Marking

E254881 AWM STYLE 1015 22AWG 105℃ 600V VW-1
C AWM I A 105℃ 600V FT1 -LF- -F- ELETECK

## Applications

**For internal wiring of electronic and electrical equipment**

## Revisions

| Version | Description | Drawn by | Approved by | Date |
|---|---|---|---|---|
| 0 | New document issue | YanBin | David Lin | ######## |
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## Construction

| | | | |
|---|---|---|---|
| **Conductor** | **Stranded Tinned Copper** | | |
| **Size(AWG)** | 22 | | |
| **Construction(±0.008mm)** | 17/0.16 | | |
| **Stranded Dia.(mm)Ref.** | 0.76 | | |
| **Insulation Material** | PVC | | |
| **Insulation Color** | ANY COLOR | | |
| **Ave Thickness(mm)** | 0.76 | | |
| **Min Thickness(mm)** | 0.69 | | |
| **Insulation Dia.(±0.10mm)** | 2.40 | | |
| | | | |
| | | | |

**Remark:**

8724640 Yellow
8724644 Orange
8724647 Brown
8724653 Grey
8724656 Violet

## Characteristics

| Test Item | | Standard Value |
|---|---|---|
| **Test Material** | | PVC(ROHS) |
| **Before Aging** | **Tensile Strength(Mpa)** | ⩾10.3 |
| | **Elongation(%)** | ⩾100 |
| **Aging Condiction** | | 136±2℃*168hrs |
| **After Aging** | **Tensile Strength(Mpa)** | ⩾70% of original |
| | **Elongation(%)** | ⩾65% of original |
| **Deformation(121±1℃*250g)** | | ⩽50% |
| **Cold Bend(-10±1℃*4hrs)** | | No crack |
| **Heat Shock(121±1℃*1hr)** | | No crack |
| **Max.DC Resistance(20℃ Ω/km)** | | 59.4 |
| **Dieletric Strength(kv/min)** | | 2.0 |
| **Flammability Test** | | VW-1 |

## Customer Approve

Seal & Stamp

**Signature:**

**Date:**

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.