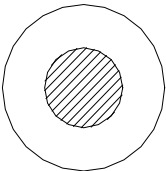






Datasheet

| | |
|----------------------|------------------|
| Product Name: | UL3321 28AWG |
| Product Discription: | UL3321 28AWG |
| Specification No.: | SPEC-YK-3321-004 |
| Customer's Name: | |

| Description | | Construction | | | |
|---|--------------|--------------------------|------------------------|--|--|
| Rated Voltage: | 600V | Conductor | Stranded Tinned Copper | | |
| Rated Temperature: | 150°C | Size(AWG) | 28 | | |
| Reference Standard: | UL758,UL1581 | Construction(±0.008mm) | 7/0.127 | | |
| Cross Section | | Stranded Dia.(mm)Ref. | 0.38 | | |
|  | | Insulation Material | XLPE | | |
| | | Insulation Color | ANY COLOR | | |
| | | Ave Thickness(mm) | 0.76 | | |
| | | Min Thickness(mm) | 0.69 | | |
| | | Insulation Dia.(±0.10mm) | 2.00 | | |
| | | | | | |

| Marking | Remark: |
|--|---|
| E254881  AWM STYLE 3321 28AWG 150°C 600V VW-1 | 8724290 Red 8724300 Blue 8724313 Grey 8724322 Violet |
|  AWM I A 150°C 600V FT1 -LF- ELETECK | 8724293 Black 8724303 White 8724316 Yellow |
| | 8724296 Brown 8724307 Green 8724319 Orange |

| Applications | | | | | Characteristics | | Customer Approve | |
|--|--|--|--|--|------------------------------|-----------------------|--|------------------|
| For internal wiring of electronic and electrical equipment | | | | | Test Item | Standard Value | Seal & Stamp Signature: Date: | |
| | | | | | Test Material | XLPE(ROHS) | | |
| | | | | | Before Aging | Tensile Strength(Mpa) | | ≥13.79 |
| | | | | | | Elongation(%) | | ≥300 |
| | | | | | Aging Conduction | | | 180±1°C*168hrs |
| | | | | | After Aging | Tensile Strength(Mpa) | | ≥80% of original |
| | | | | | | Elongation(%) | | ≥80% of original |
| | | | | | Deformation(121±1°C*400g) | | | ≤50% |
| | | | | | Cold Bend(-10±1°C*4hrs) | | | No crack |
| | | | | | Heat Shock(180±1°C*1hr) | | | No crack |
| | | | | | Flammability Test | | VW-1 | |
| | | | | | Max.DC Resistance(20°C Ω/km) | | 239 | |

| Revisions | | | | |
|-----------|--------------------|----------|-------------|------------|
| Version | Description | Drawn by | Approved by | Date |
| 0 | New document issue | YanBin | David Lin | 07/04/2015 |
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