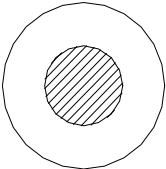




Datasheet

| | |
|-----------------------------|-------------------|
| Product Name: | UL3239 28AWG |
| Product Discription: | UL3239 28AWG |
| Specification No.: | SPEC-UL3239-28AWG |
| Customer's Name: | |

| Description | | Construction | | | |
|---|--------------|---------------------------------|------------------------|--|--|
| Rated Voltage: | 6KVDC | Conductor | Stranded Tinned Copper | | |
| Rated Temperature: | 105°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) | 0.41 | | |
| | | Min Thickness(mm) | 0.36 | | |
| | | Insulation Dia.(±0.05mm) | 1.20 | | |
| | | | | | |

| Marking | | Remark: | | | |
|--|--|---------------|---------------|----------------|----------------|
| E254881  AWM STYLE 3239 28AWG 105°C 6KV-DC VW C  AWM I A 105°C 6KV-DC FT1 -LF- ELETECK | | 8738873 Red | 8738882 Blue | 8738891 Orange | 8738905 Violet |
| | | 8738876 Black | 8738885 White | 8738895 Grey | |
| | | 8738879 Brown | 8738889 Green | 8738898 Yellow | |

| 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) | | ≥10.3 |
| | | | | | | Elongation(%) | | ≥150 |
| | | | | | Aging Conduction | | | 136±2°C*168hrs |
| | | | | | After Aging | Tensile Strength(Mpa) | | ≥70% of original |
| | | | | | | Elongation(%) | | ≥45% of original |
| | | | | | Max.DC Resistance(20°C Ω/km) | | | 239 |
| | | | | | Flammability Test | | | VW-1 |
| | | | | | | | | |
| | | | | | | | | |

| Revisions | | | | |
|-----------|--------------------|----------|-------------|------------|
| Version | Description | Drawn by | Approved by | Date |
| 0 | New document issue | YanBin | David Lin | 14/04/2015 |
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