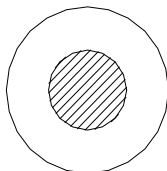




## Datasheet

|                      |                   |
|----------------------|-------------------|
| Product Name:        | UL1569 26AWG      |
| Product Discription: | UL1569 26AWG      |
| Specification No.:   | SPEC-UL1569-26AWG |
| Customer's Name:     |                   |

| Description                                                                                                                                                                                                                                          |                       |              |             |                  | Construction                |                       |                        |                |                |                  |                                                                    |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------|-------------|------------------|-----------------------------|-----------------------|------------------------|----------------|----------------|------------------|--------------------------------------------------------------------|--|--|
| Rated Voltage:                                                                                                                                                                                                                                       |                       | 300V         |             |                  | Conductor                   |                       | Stranded Tinned Copper |                |                |                  |                                                                    |  |  |
| Rated Temperature:                                                                                                                                                                                                                                   |                       | 105℃         |             |                  | Size(AWG)                   |                       | 26                     |                |                |                  |                                                                    |  |  |
| Reference Standard:                                                                                                                                                                                                                                  |                       | UL758,UL1581 |             |                  | Construction(±0.008mm)      |                       | 7/0.16                 |                |                |                  |                                                                    |  |  |
| Cross Section                                                                                                                                                                                                                                        |                       |              |             |                  | Stranded Dia.(mm)Ref.       |                       | 0.48                   |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                     |                       |              |             |                  | Insulation Material         |                       | PVC                    |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Insulation Color            |                       | ANY COLOR              |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Ave Thickness(mm)           |                       | 0.38                   |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Min Thickness(mm)           |                       | 0.33                   |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Insulation Dia.(±0.08mm)    |                       | 1.30                   |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  |                             |                       |                        |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  |                             |                       |                        |                |                |                  |                                                                    |  |  |
| Marking                                                                                                                                                                                                                                              |                       |              |             |                  | Remark:                     |                       |                        |                |                |                  |                                                                    |  |  |
| E254881  AWM STYLE 1569 26AWG 105℃ 300V VW-1<br> AWM I A 105℃ 300V FT1 -LF- ELETECK |                       |              |             |                  | 8840878 Brown               |                       | 8840875 Blue           |                | 8840890 Orange |                  | 8840897 Violet                                                     |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | 8840884 White               |                       | 8840887 Green          |                | 8840869 Black  |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | 8840871 Red                 |                       | 8840881 Yellow         |                | 8840893 Grey   |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Characteristics             |                       |                        |                |                | Customer Approve |                                                                    |  |  |
| Internal wiring of appliances or electronic equipment where not subjected to movement or mechanical damage.                                                                                                                                          |                       |              |             |                  | Test Item                   |                       |                        | Standard Value |                |                  | <div>Seal &amp; Stamp</div> <div>Signature:</div> <div>Date:</div> |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Test Material               |                       |                        | PVC(ROHS)      |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Before Aging                | Tensile Strength(Mpa) |                        |                | ≥10.3          |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  |                             | Elongation(%)         |                        |                | ≥100           |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Aging Conduction            |                       |                        | 136±2℃*168hrs  |                |                  |                                                                    |  |  |
| After Aging                                                                                                                                                                                                                                          | Tensile Strength(Mpa) |              |             | ≥70% of original |                             |                       |                        |                |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      | Elongation(%)         |              |             | ≥65% of original |                             |                       |                        |                |                |                  |                                                                    |  |  |
| Revisions                                                                                                                                                                                                                                            |                       |              |             |                  | Deformation(121±1℃*250g)    |                       |                        | ≤50%           |                |                  |                                                                    |  |  |
| Version                                                                                                                                                                                                                                              | Description           | Drawn by     | Approved by | Date             | Cold Bend(-10±1℃*4hrs)      |                       |                        | No crack       |                |                  |                                                                    |  |  |
| 0                                                                                                                                                                                                                                                    | New document issue    | YanBin       | David Lin   | 17/06/2015       | Heat Shock(121±1℃*1hr)      |                       |                        | No crack       |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Max.DC Resistance(20℃ Ω/km) |                       |                        | 150            |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Dielectric Strength(kv/min) |                       |                        | 2.0            |                |                  |                                                                    |  |  |
|                                                                                                                                                                                                                                                      |                       |              |             |                  | Flammability Test           |                       |                        | VW-1           |                |                  |                                                                    |  |  |