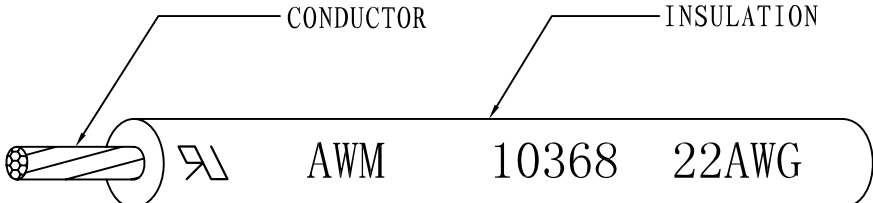


# SPECIFICATION

|                       |                                                                                               |                 |                                                                     |      |
|-----------------------|-----------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------|------|
| Style Number:         | UL10368                                                                                       | Document Number | Made date                                                           | Rev. |
| Specification:        | 22AWG                                                                                         | WCH17030705     | 2017-03-07                                                          | 1.0V |
| Cross Section         | <div></div> |                 |                                                                     |      |
| Technical Parameters  |                                                                                               |                 |                                                                     |      |
| Conductor             | Core Quantity                                                                                 |                 | 1C (Single)                                                         |      |
|                       | Conductor Gauge (AWG)                                                                         |                 | 22                                                                  |      |
|                       | Material                                                                                      |                 | Stranded Tinned Copper Wire                                         |      |
|                       | Construction (mm)                                                                             |                 | TS17/0.16±0.007                                                     |      |
|                       | Sectional Area (mm²)                                                                          |                 | 0.341                                                               |      |
| Insulation            | Average Thickness (mm)                                                                        |                 | 0.25                                                                |      |
|                       | Minimum Thickness (mm)                                                                        |                 | 0.21                                                                |      |
|                       | Over Diameter (mm)                                                                            |                 | 1.30±0.10                                                           |      |
|                       | Material                                                                                      |                 | Crossed Link XL-PE (RoHS)                                           |      |
|                       | Colour                                                                                        |                 | Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White |      |
| Electrical Capability | Rated Temperature (°C)                                                                        |                 | 105                                                                 |      |
|                       | Rated Voltage (V)                                                                             |                 | 300                                                                 |      |
|                       | Conductor Resistance (Ω/KM 20°C)                                                              |                 | 59.4                                                                |      |
|                       | Insulation Resistance (MΩ/KM 20°C)                                                            |                 | 100                                                                 |      |
| Physical Characters   | Standard Packing Quantity (meter)                                                             |                 | 610                                                                 |      |
|                       | Reference Standard                                                                            |                 | UL758, UL1581                                                       |      |
|                       | Use Purpose                                                                                   |                 | Internal Wiring                                                     |      |
| Marking               | As per standard of UL10368                                                                    |                 |                                                                     |      |