

**Ratings**

Voltage: 600 V  
 Temperature: -40~105 °C  
 Flammability: VW-1

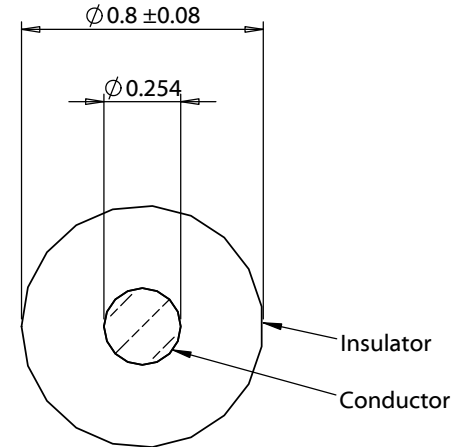
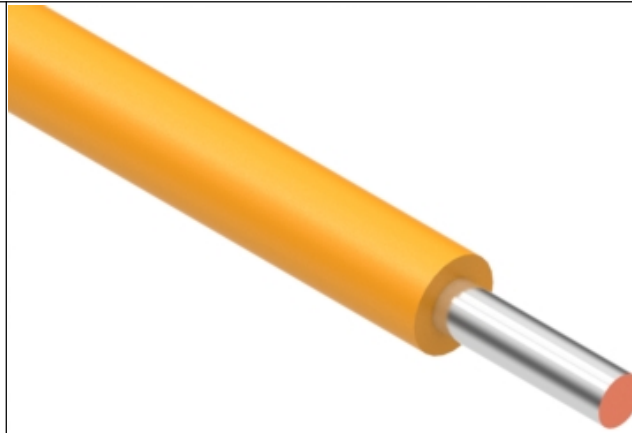
**Conductor**



Conductor count: 1  
 Gauge: 30 AWG 0.05 mm<sup>2</sup>  
 Material: tinned copper  
 Strand size:  $\varnothing$ 0.254 mm (solid)  
 Resistance at 20 °C: 361  $\Omega$  /km max

**Insulator**

Material: Polyphenylene Ether, Modified (mPPE)  
 Color: orange  
 Diameter:  $\varnothing$ 0.8  $\pm$ 0.08 mm  
 Nominal thickness: 0.25 mm  
 Resistance at 20 °C: 100 M $\Omega$  /km min

**Wire marking:** E339579 UL AWM STYLE 11028 30 AWG 105°C  
 600V VW-1 --- cUL AWM I A/B 105°C 600V FT1 TENSILITY



|           |          |                 |                                                                                                              |                                                                                      |                                                                                                                                                                                          |
|-----------|----------|-----------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision: | Date:    | Description:    | Prepared:                                                                                                    | Notes:<br>RoHS compliant<br>Phthalate and halogen free                               | <b>TENSILITY</b><br>tel 1.541.323.3228 800 877.670.7118<br>fax 1.541.323.4202 web tensility.com                                                                                          |
| A         | 6/3/2021 | Initial release | Verified:                                                                                                    |                                                                                      |                                                                                                                                                                                          |
|           |          |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: $\pm$ 0.5 mm<br>X.X: $\pm$ 0.3 mm<br>X.XX: $\pm$ 0.05 mm | Description:                                                                         | Size: Part number:                                                                                                                                                                       |
|           |          |                 |                                                                                                              | Wire, hook-up, tinned solid core, 30 AWG, UL 11028, 600V, 105C, 0.8 mm, mPPE, orange | A 30-02128                                                                                                                                                                               |
|           |          |                 |                                                                                                              | Scale: 40:1                                                                          |   Sheet 1 of 1 |

5

4

3

2

1