

Ratings

Voltage: 300 V
 Temperature: -80~200 °C
 Flammability: VW-1
 Oil resistant: 60°C
 ≥50% elongation and tensile strength after aging

Conductor

Conductor count: 1
 Gauge: 20AWG 0.54 mm²
 Material: tinned copper strands
 Strand size: Ø 0.19mm x19
 Resistance at 20 °C: 36.7 Ω /km max

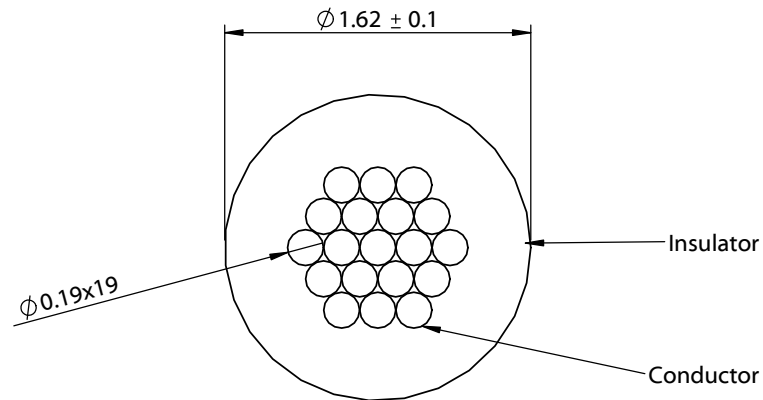
Insulator

Material: Fluorinated ethylene propylene (FEP)
 Color: red
 Diameter: Ø 1.62 ± 0.1
 Nominal thickness: 0.33 mm
 Resistance at 20 °C: 2.5 MΩ /kft min

Wire marking: E339579 UL AWM STYLE 1332 20AWG 200°C 300V
 VW-1 --- cUL AWM I A/B 200°C 300V FT1 TENSILITY

Mechanical Tests

After aging at 232±1°C for 7 days
 Minimum tensile strength 1.76 kgf/mm²
 Minimum elongation 200% original



Revision:	Date:	Description:
A	5/9/2022	Initial release

Prepared:
PB
Digitally signed by PB
 Date: 2022.05.30
 12:21:19 -07'00'

Verified:
MP
Digitally signed by MP
 Date: 2022.05.30
 15:49:52 -07'00'

Dimensions are in millimeters.
 Tolerances:
 X: ± 0.5 mm
 X.X: ± 0.3 mm
 X.XX: ± 0.05 mm

Notes:
 RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:
 Wire, hook-up, TS, 20 AWG, UL 1332, 300V, 200C, 1.62 mm, FEP, red

TENSILITY

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Size:	Part number:
A	30-02551
Scale: 25:1	
Sheet 1 of 1	