Ratings
Voltage: 300 V
Temperature: -10 to 105 °C
Flammability: VW-1

Conductor
Conductor count: 2
Gauge: 28 AWG 0.09 mm²
Material: tinned copper strands
Strand size: Ø 0.12 mm x 7

Outer jacket
Material: PVC/38P
Color: black
Diameter: 2.5 ±0.20 mm (1.25 ±0.1 x 2)
Nominal thickness: 0.41 mm

Electrical requirements
Voltage test: 300 V
Spark test: 3.0 kV
Conductor maximum resistance at 20 °C: 250 ohms/km
Jacket resistance at 20 °C: 10 Mohms/km
Dielectric test: 2000 Vac for 1 minute with no breakdown

Mechanical requirements
Jacket tensile strength: 1.05 kgf/mm²
After aging at 136±2 °C for 7 days:
  Minimum tensile strength 70% of original
  Minimum elongation 65% of original

Environmental requirements
Heat shock: 136±1 °C/1 hour, no observed degradation
Deformation: 136±1 °C/1 hour, ±50%
Cold bend: -10±2 °C/1 hour, no observed cracking

Wire marking: E339579 UL AWM STYLE 2651 28 AWG 105°C 300V VW-1 - - - cUL AWM I A 105°C 300V FT1 TENSILITY

Description:
Wire, 2C TS, 28 AWG, UL2651, 300V, 105C, 2.5 mm, VW-1, PVC

Notes:
RoHS and REACH compliant
Function test: no open, no short circuit, no intermittent

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

Prepared:
AG

Verified:
GL

Verified by GL
Date: 2017.10.20
11:04:24.274

Verified by AG
Date: 2017.10.20
11:04:24.274

Notes:
X.XX: intermittent

Description:
Wire, 2C TS, 28 AWG, UL2651, 300V, 105C, 2.5 mm, VW-1, PVC

Scale: 20:1

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Part number: 30-00808
Size: A

Revision: Date: Description:
A 12/06/2016 Initial release