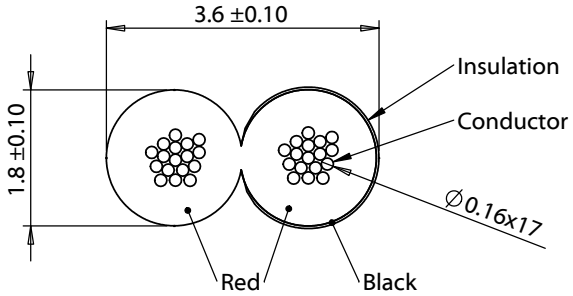
Ratings
Voltage: 300 V
Temperature: -10 ~ 80 °C

Conductor
Gauge: 22 AWG
Material: tinned copper strands
Strand size: Ø 0.16 mm
Strand count: 17

Outer jacket
Material: PVC, 80 °C
Color: black and red
Thickness: 0.38 mm
Diameter: 3.6 ±0.10 mm (1.8 x 3.6)
Durometer: 87 Shore A

Wire marking: E339579 AWM STYLE 2468 22AWG 80°C 300V VW-1 --- C AWM I A 80°C 300V FT1 TENSILITY HLE

Tests
Voltage test: 300 V
Max resistance at 20 °C: 59.4 ohm/km
Spark test: 3.0/4.0 kV
Tensile strength: 1.05 kgf/mm²
After aging at 113 ±2 °C for 7 days:
Minimum tensile strength 70 % original
Minimum elongation 65 % original
Heat shock: 121 ±1 °C /1 hour, no observed degradation
Deformation: 121 ±1 °C /1 hour, ≤ 50 %
Cold bend: -10 ±1 °C /1 hour, no observed cracking
Flammability: VW-1
Dielectric test: 2000 V ac for 1 minute without breakdown



REVISION	DATE	DESCRIPTION
A	7/21/2014	Initial release
A1	10/14/2014	Updated jacket construction

PREPARED:
JM
2014.10.14 07:53:10 -07'00'

VERIFIED:
AG
2014.10.14 14:46:48 -07'00'

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

NOTES:
RoHS and REACH compliant

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

DESCRIPTION:
Wire, 2C TS, 22 AWG, UL2468, 300V, 80°C, 3.6 mm, VW-1, PVC, 87A, red and black

TENSILITY
20802 Sockeye Place #130
Bend, OR 97701 USA
tel 541.323.3228 *fax* 541.323.4202
800 877.670.7118 www.tensility.com

SIZE	PART NUMBER
A	**30-00417**

SCALE: 10:1	WEIGHT:	SHEET 1 OF 1

5 4 3 2 1