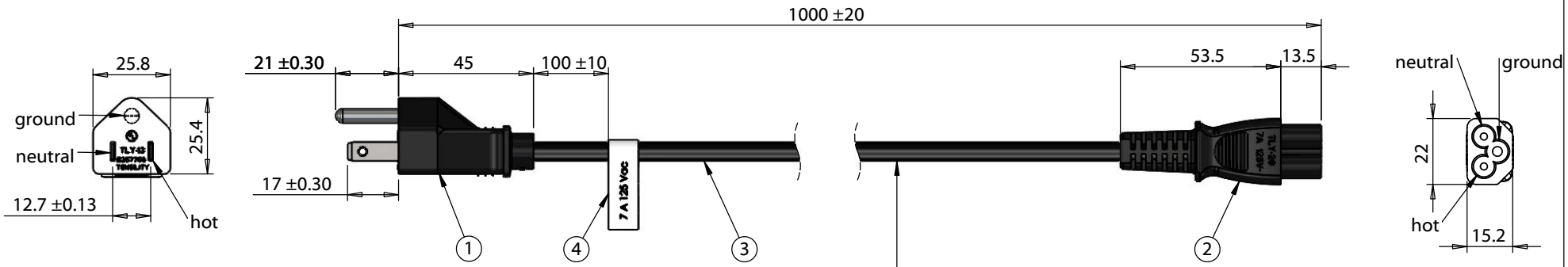
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|---|---|---|---|---|
| 1 | TLY-13 | NEMA 5-15P | 1 | black overmold |
| 2 | TLY-28 | IEC320 C5 | 1 | black overmold |
| 3 | 30-00244 | Wire, 3C, 18 AWG, UL SVT, 300V, 105C, 6.3 mm, VW-1, PVC | 1 | |
| 4 | Label | Adhesive flag, 15x100 mm | 1 | white with black font |




Wire marking: (UL) E339575 SVT 3X0.824mm2
(18AWG) 105C 300V VW-1 C(UL) SVT 3X0.824mm2
(18AWG) 105C 300V VW-1 TENSILITY HLE

| Wiring Diagram | | |
|---|---|---|
| TLY-13 | wire color | TLY-28 |
| hot | black | hot |
| neutral | white | neutral |
| ground | green | ground |

**Notes:**
Electrical requirements: 7 A at 125 Vac

| Revision: | Date: | Description: |
|---|---|---|
| A | 12/20/2013 | Initial release |
| | | |
| | | |
| | | |
| | | |

Prepared: GL Digitally signed by GL Date: 2019.06.20 16:23:11 -07'00'

Verified: AW Digitally signed by AW Date: 2019.06.20 16:37:36 -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:
Ac cord, 1000 mm, U.S, NEMA 5-15P plug, TLY-13 to C5, TLY-28, 18 AWG, SVT wire, 30-00244


TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com


Size: A
Part number: 11-00055
Scale: 1:2
Sheet 1 of 1

5 4 3 2 1

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**Ratings**
Voltage: 300 V
Insulation resistance: ≥0.762 MΩ/Km (at 15.6 °C)
Temperature: 105 °C
Flamability: VW-1

**Conductor**
Size: 18 AWG
Number: 3
Material: bare copper
Stranding: 41/0.16 mm

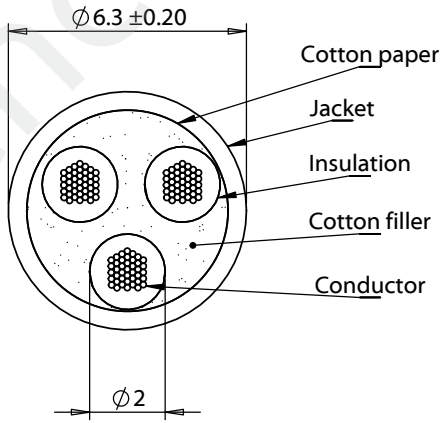
**Insulator**
Material: PVC
Color: white, black and green
Nominal thickness: 0.38 mm
Outer diameter: 2.00 mm

**Outer jacket**
Material: PVC
Color: black
Nominal thickness: 0.76 mm
Diameter: 6.3 mm

**Wire marking**
(UL) E339575 SVT 3X0.824mm2(18AWG) 105C 300V
VW-1 C(UL) SVT 3X0.824mm2(18AWG) 105C 300V
VW-1 TENSILITY HLE

**Tests**
Voltage test: 1500 Vac for 1 min after 4 hours in 20±5 °C water, no breakdown
Spark test: 3000 V without breakdown
Tensile strength of PVC: 1.05 kfg/mm², after aging for 168 hours in 136±3 °C min tensile strength shall be 85% original value and min elongation 45% (jacket) or 65% (insulation) original value
Heat shock: wound on 20.6 mm mandrel, then 1 hour at 121±3 °C, no cracks in insulation or jacket
Cold bend: -20±1 °C for four hours then 6 turns around 19 mm mandrel without cracks to insulation or jacket
Deformation: < 50% thickness reduction after: 121±3 °C and 300 gf on insulation, 150±3 °C and 2000 gf on jacket
Loss of mass: 168 hours @ 150±2 °C, median loss of < 2.0 mg/cm²






Reference

| REVISION | DATE | DESCRIPTION |
|---|---|---|
| A | 5/17/2013 | Initial release |
| | | |
| | | |
| | | |
| | | |

PREPARED:
JM
2013.05.21 14:48:49 -07'00'

VERIFIED:
LA
2013.05.21 15:04:40 -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 INT

DESCRIPTION:
Wire, 3C, 18 AWG, UL SVT, 300V, 105C, 6.3 mm, VW-1, PVC

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 A | **PART NUMBER 30-00244**

SCALE: 5:1 | WEIGHT: | SHEET 1 OF 1

5 4 3 2 1

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