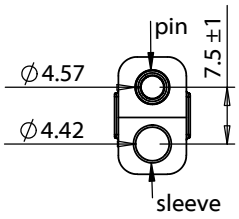
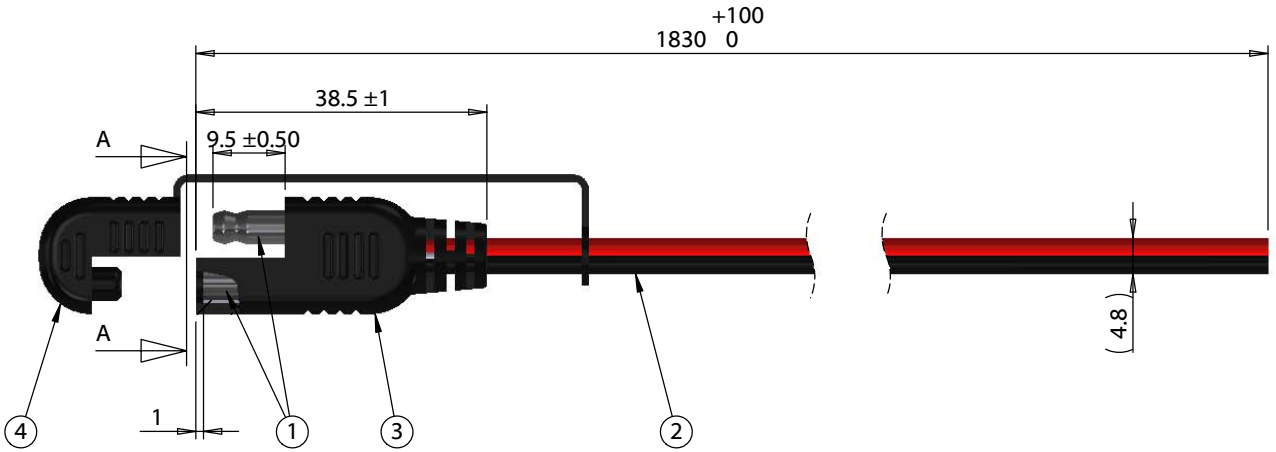
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00550	Connector, 4.75x10.2mm SAE, brass nickel plated, molding type	1	
2	30-00792	Wire, 2C TS, 16 AWG, UL2651, 300V, 105C, 4.8 mm, VW-1, PVC, red and black	1	
3	24-00176	Overmold, SAE connector, PVC, black	1	black, 105 °C
4	55-00059	Dust cap, SAE connector, overmold fit	1	black, 105 °C



SECTION A-A



Wiring Diagram	
50-00550	wire color
pin	red (+)
sleeve	black (-)

Notes:
Functionally equivalent components may be substituted

Revision:	Date:	Description:
A	1/16/2017	Initial release

Prepared: DN Digitally signed by DN Date: 2017.04.27 14:02:57 -07'00'

Verified: GL Digitally signed by GL Date: 2017.04.27 15:34:51 -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

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

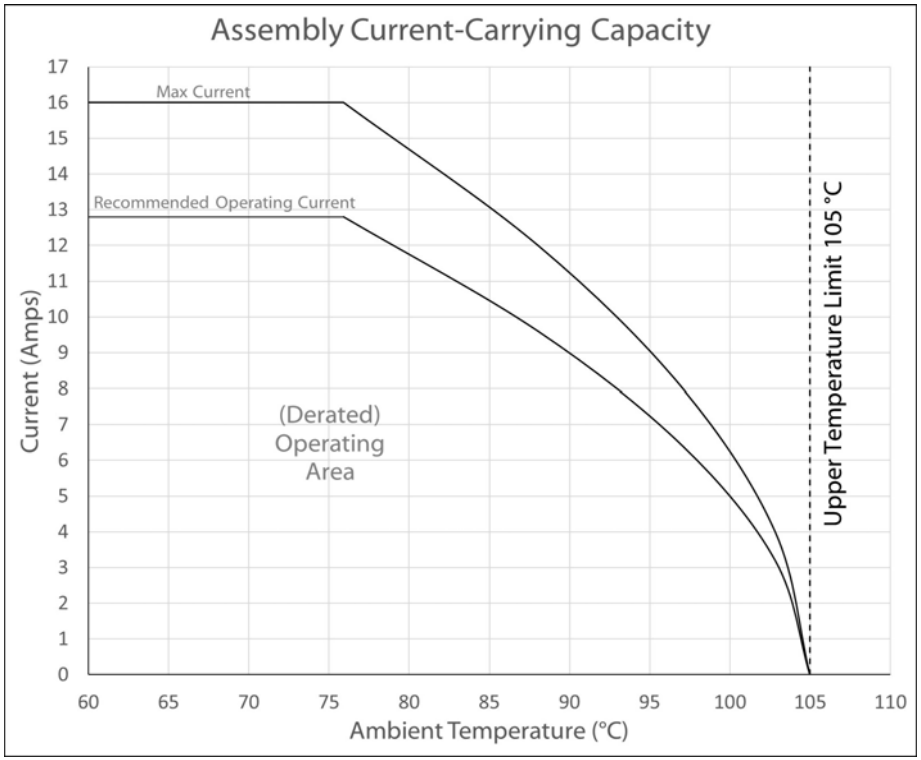
Description:
Cable, 1830 mm, 50-00550 SAE to blunt cut, 16 AWG, UL2651, 30-00792, R-B wire, red to SAE pin

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-02408
Scale: 1:1
Sheet 1 of 2

5 4 3 2 1

Electrical Requirements
Operating Voltage: 48 Vdc
Max Current: 16 A



Testing based on IEC 60512-5-2. Max current curve generated with isolated test article under controlled environmental conditions, and does not take into account external factors such as housings or circuitry. Recommended operating current curve (derated to 80% of max values) accounts for external factors, manufacturing variation, and error in temperature measurements.

Revision:	Date:	Description:
A	1/16/2017	Initial release

Prepared: DN
Digitally signed by DN
Date: 2017.04.27 14:03:08 -07'00'

Verified: GL
Digitally signed by GL
Date: 2017.04.27 15:35:06 -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

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

Description:
Cable, 1830 mm, 50-00550 SAE to blunt cut, 16 AWG, UL2651, 30-00792, R-B wire, red to SAE pin

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5 4 3 2 1