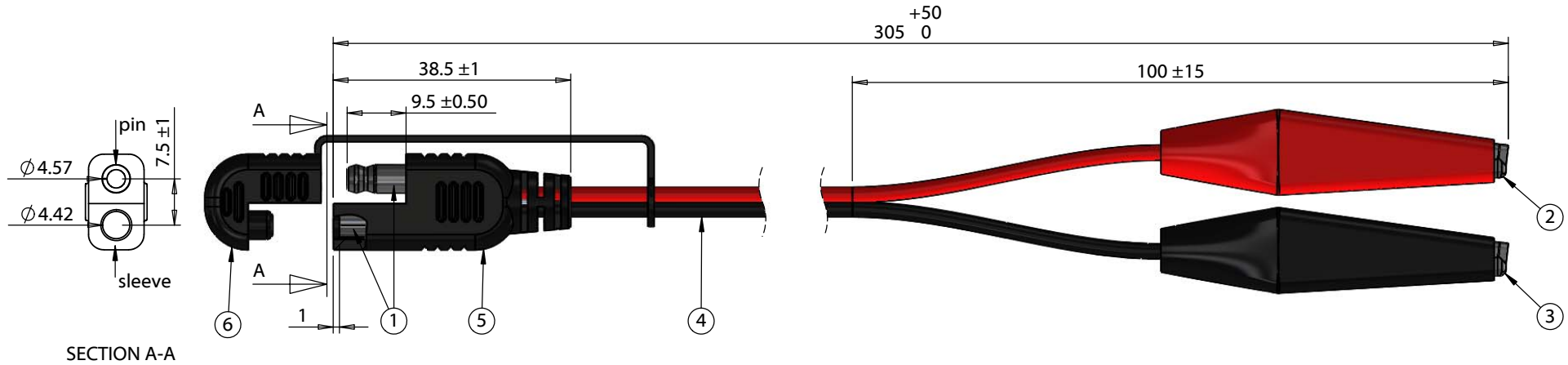


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00550	Connector, 4.75x10.2mm SAE, brass nickel plated, molding type	1	
2	50-00555	Connector, 50 mm, alligator clip, red sleeve	1	
3	50-00556	Connector, 50 mm, alligator clip, black sleeve	1	
4	30-00792	Wire, 2C TS, 16 AWG, UL2651, 300V, 105C, 4.8 mm, VW-1, PVC, red and black	1	
5	24-00176	Overmold, SAE connector, PVC, black	1	black, 105 °C
6	55-00059	Dust cap, SAE connector, overmold fit	1	black, 105 °C



**Notes:**  
Functionally equivalent components may be substituted

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

Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p>
A	1/16/2017	Initial release	Verified:		
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent	
			Tolerances: X: $\pm 0.5$ mm X.X: $\pm 0.3$ mm X.XX: $\pm 0.05$ mm	Description: Cable, 305 mm, 50-00550 SAE to alligator clips, 16 AWG, UL2651, 30-00792, R-B wire, cap	
				Size:	Part number:
				A	10-02414
				Scale: 1:1	Sheet 1 of 2

5

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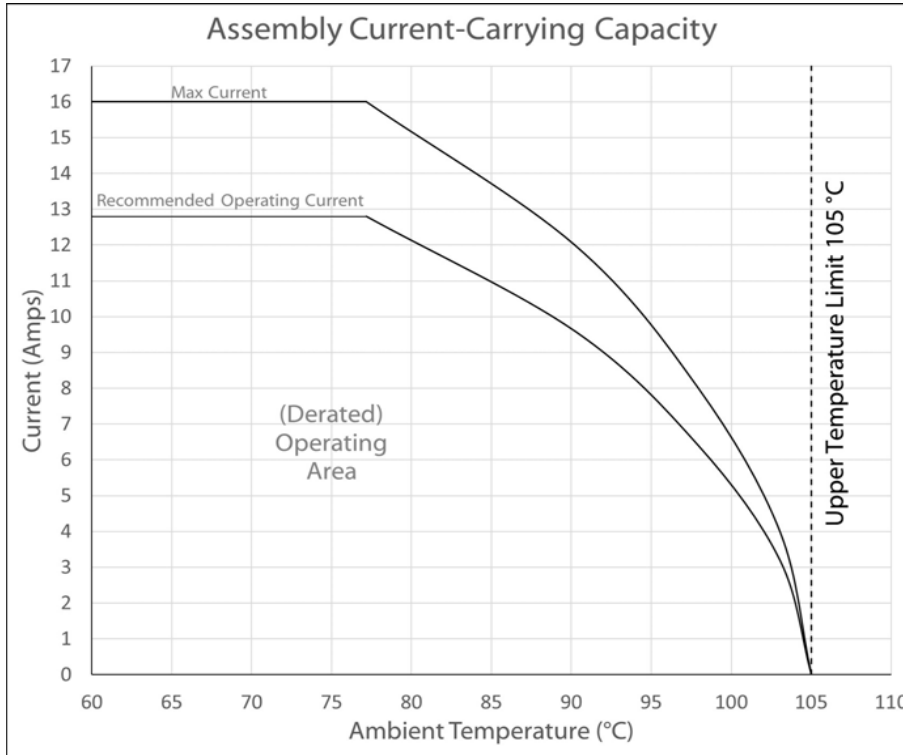
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2


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:	Prepared:	Notes: RoHS and REACH compliant	<b>TENSILITY</b> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	1/16/2017	Initial release	Verified:		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	Size: Part number:
				Cable, 305 mm, 50-00550 SAE to alligator clips, 16 AWG, UL2651, 30-00792, R-B wire, cap	A 10-02414
				Scale: 1:1	Scale: 1:1  Sheet 2 of 2