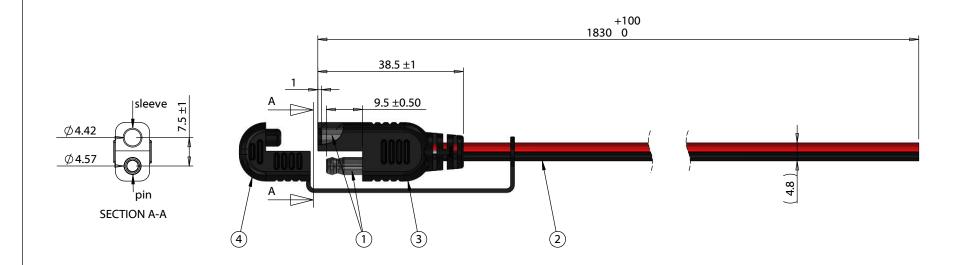
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00550	Connector, 4.75x10.2mm SAE, brass nickel plated, molding type	1	
2	30-00792	Wire, 2C TS, 16 AWG, UL2651, 300V, 105C, 4.8 mm, VW-1, PVC, red and black	1	
3	24-00176	Overmold, SAE connector, PVC, black	1	black, 105 °C
4	55-00059	Dust cap,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



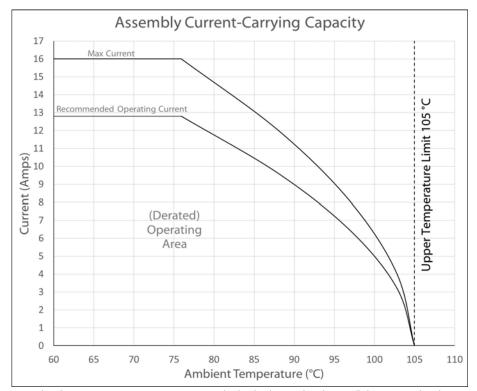
Notes: Functionally equivalent components may be substituted

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

Revision:	Date:	Description:	Prepared:	Notes:								
Α	1/16/2017	Initial release		RoHS and REACH compliant		TFNSII ITY			ITY			
			Verified:	Function test: no open, no short circuit, no intermittent			tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com					
			Dimensions are in			iux 1.541.525.4202 web terisiiity.com						
			millimeters. Tolerances:	Description:			Size: Part number:					
			X: ± 0.5 mm	Cable, 1830 mm, 50-00550 SAE to blunt cut, 16 AWG, UL2651, 30-00792, R-B wire, black to SAE pin		Α	10-02409					
			X.X: ± 0.3 mm X.XX: ± 0.05 mm			Scale:	1:1		Sheet 1 of 2			

5 4 3 2

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:						
Α	1/16/2017	Initial release		RoHS and REACH compliant		\vdash l	NSII.	ITY		
			Verified:	Function test: no open, no short circuit, no intermittent		tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com				
			Dimensions are in			1				
			millimeters. Tolerances: X: ± 0.5 mm	Tolerances:		Size: Part number:				
				Cable, 1830 mm, 50-00550 SAE to blunt cut, 16 AWG, UL2651, 30-00792, R-B wire, black to SAE pin	Α	10-02	409			
			X.X: ± 0.3 mm X.XX: ± 0.05 mm	AWG, OLZOST, 30-007 92, N-B WITE, DIACK to SAE PITT		: 1:1		Sheet 2 of 2		

5 3 2 2