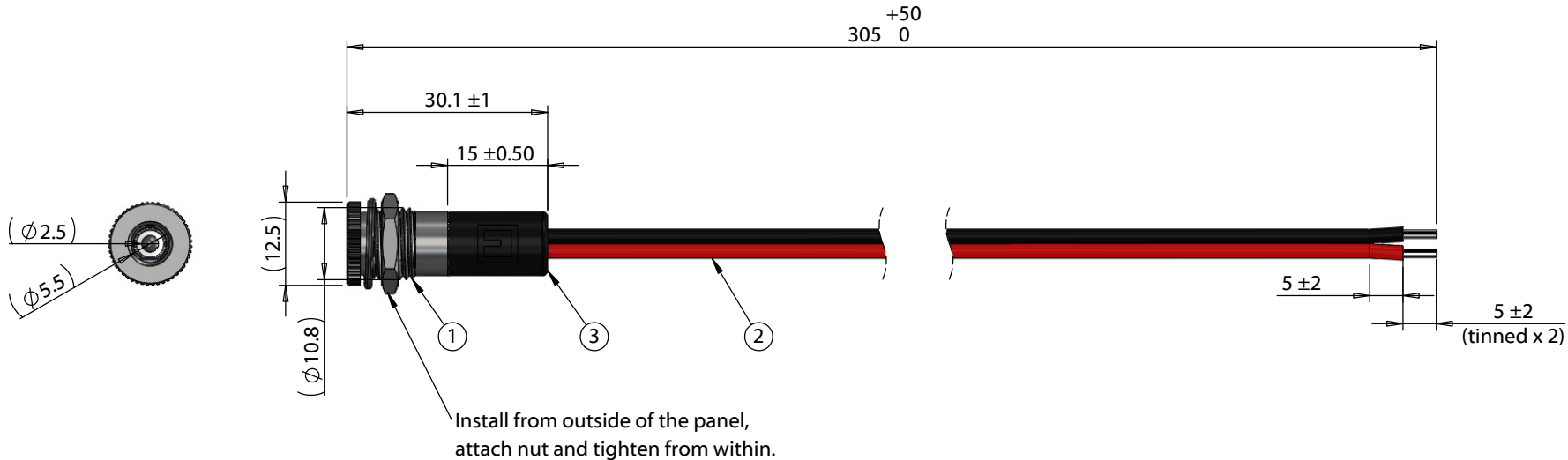


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00064	Connector, dc jack, 5.5x2.5xL24.2 mm, panel mount, threaded, nut and washer, brass, nickel	1	
2	30-00415	Wire, 2C TS, 18 AWG, UL2468, 300V, 80°C, 4.4 mm, VW-1, PVC, red and black	1	
3	24-00234	Overmold, panel mount jack, PVC	1	black



Wiring Diagram	
54-00064	wire color
center	red
shell	black

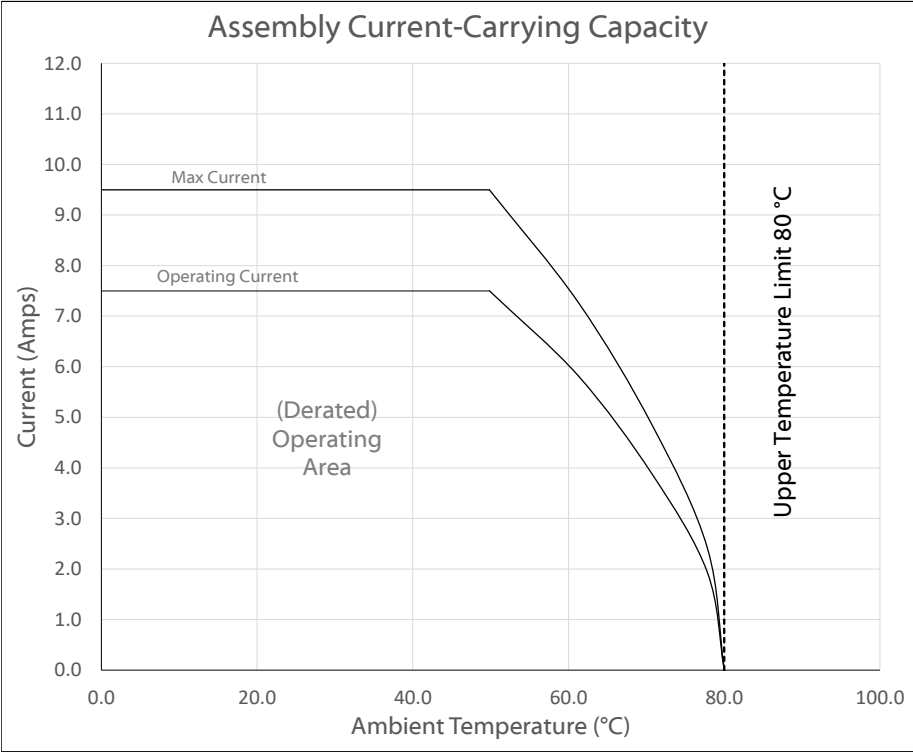
Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	3/26/2018	Initial release	CR		
			Verified: KW	RoHS and REACH compliant	
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Function test: no open, no short circuit, no intermittent	
				Description:	Size: A
				Cable, 305 mm, 5.5x2.5 mm 54-00064 dc panel mount jack to stripped and tinned, 18 AWG, 30-00415	Part number: 10-02879
					Scale: 1:1
					Sheet 1 of 2

Electrical Requirements

Operating Voltage: 48 Vdc
Operating Current: 7.5 A

Maximum Operating Temperature

-25 ~ 80° C, relative humidity of 85% or less



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, mating cables, or other circuitry. Operating current curve (derated by 20% of maximum values) accounts for external factors, and manufacturing variation.

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	3/26/2018	Initial release	CR	RoHS and REACH compliant		
			Verified:	Function test: no open, no short circuit, no intermittent	Size:	Part number:
			Dimensions are in millimeters.	Description:	A	10-02879
			Tolerances:	Cable, 305 mm, 5.5x2.5 mm 54-00064 dc panel mount jack to stripped and tinned, 18 AWG, 30-00415	Scale:	1:1
			X: ± 0.5 mm			
			X.X: ± 0.3 mm			
			X.XX: ± 0.05 mm			

