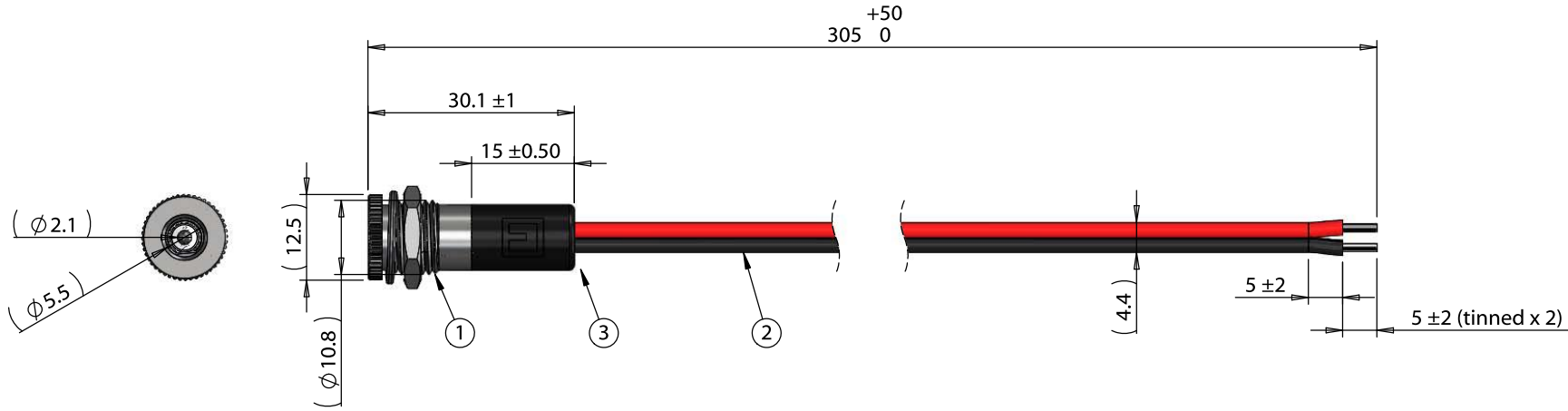


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00063	Connector, dc jack, 5.5x2.1xL24.2 mm, panel mount, threaded, nut and washer, brass, nickel	1	
2	30-00415	Wire, 2C TS, 18 AWG, UL2468, 300V, 80°C, 4.4 mm, VW-1, PVC, red and black	1	
3	24-00234	Overmold, panel mount jack, PVC	1	black



Wiring Diagram	
54-00063	wire color
center	red
shell	black

Revision:	Date:	Description:
A	3/26/2018	Initial release

Prepared:	Notes:
GL <small>Digitally signed by GL Date: 2018.09.07 14:34:37 -07'00'</small>	RoHS compliant
Verified:	Function test: no open, no short circuit, no intermittent
LA <small>Digitally signed by LA Date: 2018.09.07 15:47:29 -07'00'</small>	Description:
Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Cable, 305 mm, 5.5x2.1 mm 54-00063 dc panel mount jack to stripped and tinned, 18 AWG, 30-00415

# TENSILITY

tel 1.541.323.3228 800 877.670.7118  
fax 1.541.323.4202 web tensility.com

Size:	Part number:	
A	10-02878	
Scale:	1:1	Sheet 1 of 2

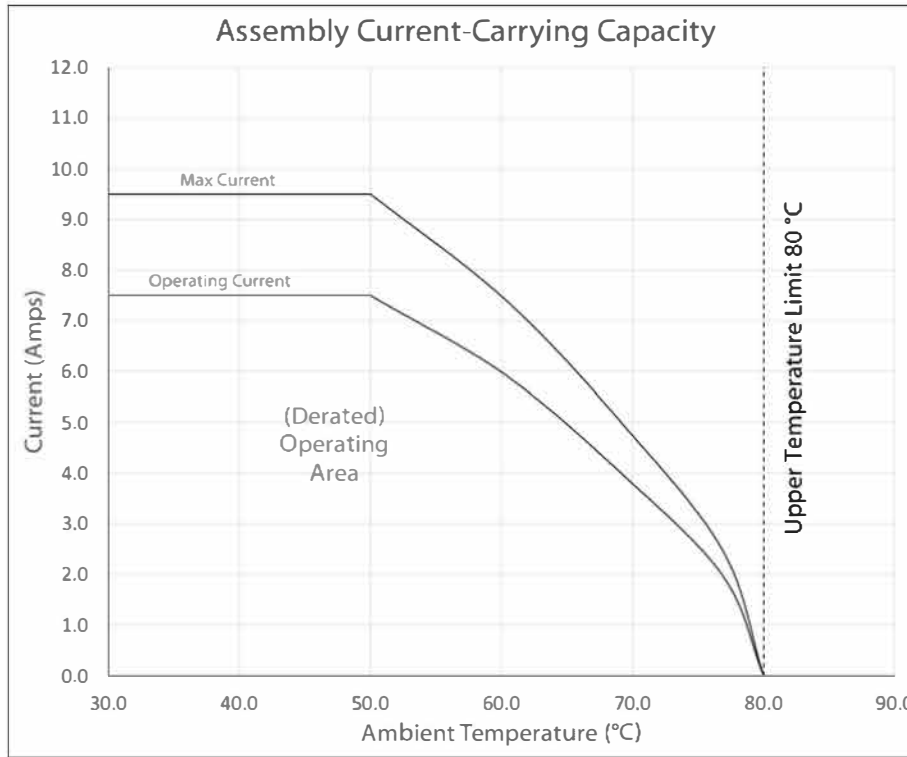
To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

**Electrical Requirements**

Operating Voltage: 48 Vdc  
 Operating Current: 7.5 A

**Maximum Operating Temperature**

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:	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118                  fax 1.541.323.4202 web tensility.com</p>
A	3/26/2018	Initial release	GL <small>Digitally signed by GL                  Date: 2018.09.10                  08:05:38 -07'00'</small>	RoHS compliant	
			Verified: LA <small>Digitally signed by LA                  Date: 2018.09.07                  17:57:36 -07'00'</small>	Function test: no open, no short circuit, no intermittent	Size: Part number:
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description:	A 10-02878
				Cable, 305 mm, 5.5x2.1 mm 54-00063 dc panel mount jack to stripped and tinned, 18 AWG, 30-00415	Scale: 1:1
					Sheet 2 of 2