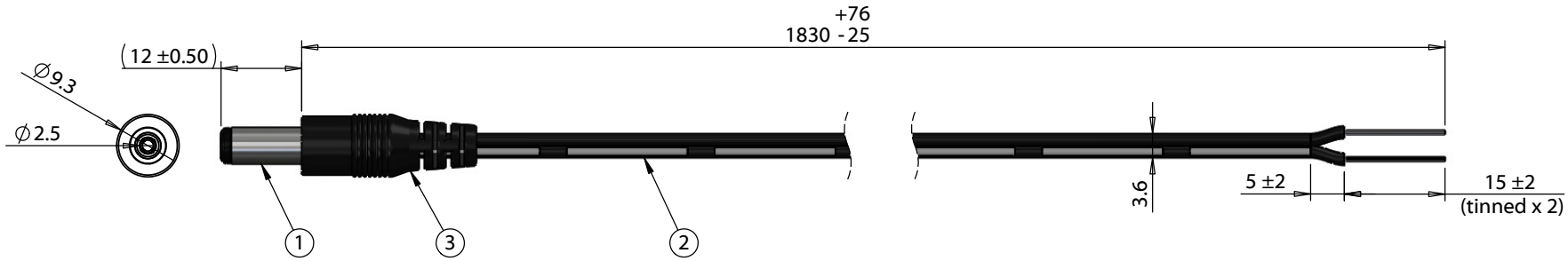
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00130	Connector, dc plug, 5.5x2.5xL22.5 mm, molding style, brass nickel plated	1	
2	30-00003	Wire, 2C BC, 24 AWG, UL2468, 300V, 80C, 3.6 mm, VW-1, PVC	1	
3	24-00043	Overmold, PVC	1	black



Ratings
Maximum operating voltage: 48 V dc
Maximum operating current: 4.5 A

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

Wiring Diagram	
50-00130	wire color
center	black with stripe
sleeve	black

Revision:	Date:	Description:
A	1/19/2009	Re-issue CUI spec as Tensility
A1	1/15/2009	Updated tolerances
A2	8/30/2011	Updated description, connector, and wire information
A3	1/9/2014	Updated description

Prepared: CR Digitally signed by CR Date: 2026.01.22 09:06:41 -08'00'

Verified: KM Digitally signed by KM Date: 2026.02.27 12:19:21 -08'00'

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, 5.5x2.5x12 mm, 50-00130 dc plug to stripped tinned, 24 AWG, 30-00003 wire

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 053-0183R (CA-2184)
Scale: 1:1
Sheet 1 of 1

5 4 3 2 1

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