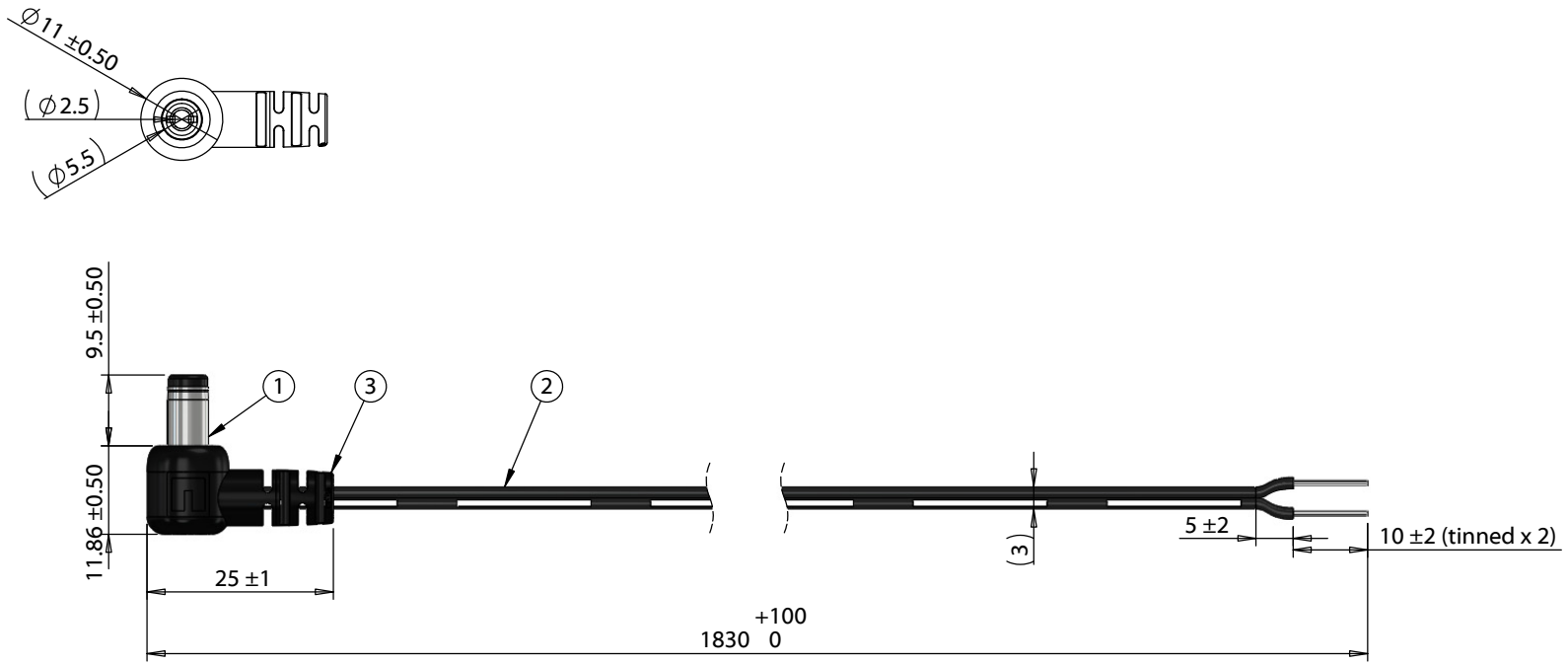
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00129	Connector, dc plug, 5.5x2.5xL18.5 mm, molding style, spring contacts	1	
2	30-00404	Wire, 2C TS, 24 AWG, UL2468, 300V, 80C, 3.0 mm, VW-1, PVC	1	
3	24-00006	Overmold	1	black, mPPE



Ratings
Maximum Operating Voltage: 48 V
Maximum Operating Current: 4.5 A

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

Notes:
Functionally equivalent components may be substituted

Wiring Diagram	
50-00129	wire color
center	black with stripe
sleeve	black

Revision:	Date:	Description:
A	02/06/2018	Initial release

Prepared: CR Digitally signed by CR Date: 2026.02.17 15:15:29 -08'00'

Verified: KM Digitally signed by KM Date: 2026.02.27 12:16:50 -08'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:
RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:
Cable, 1830 mm, 5.5x2.5x9.5 mm 90° 50-00129 dc plug to 10 mm tinned, 24 AWG, UL2468, 30-00404 wire

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-02502
Scale: 1:1
Sheet 1 of 1

5 4 3 2 1

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

Downloaded from Arrow.com.