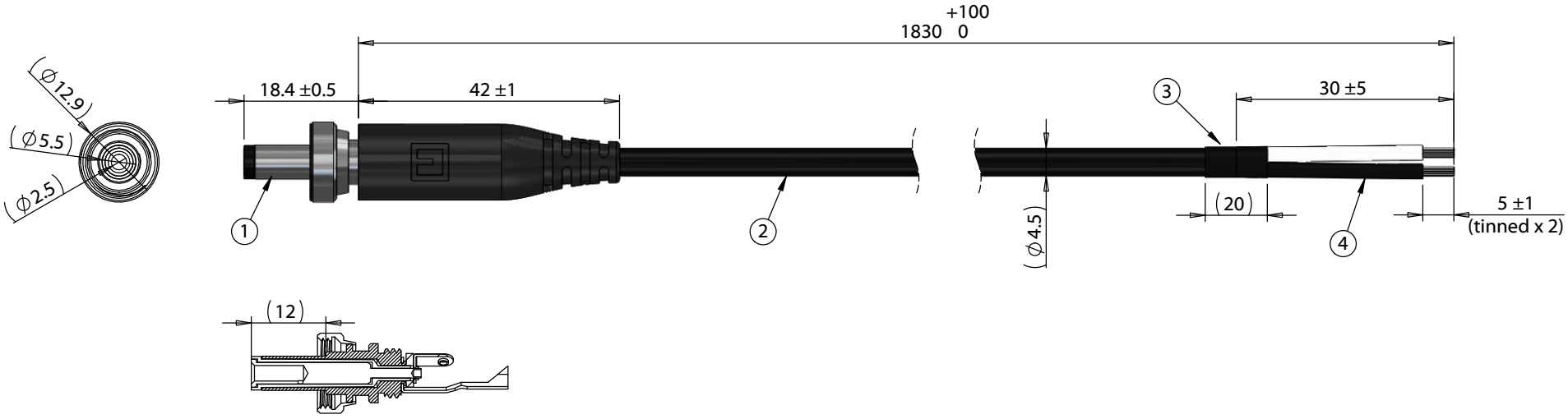
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	55-00204	Connector, dc plug, 5.5x2.5xL60.4 mm, 4.5 mm SR, locking style, assembly type, IP68, threaded	1	
2	30-00555	Wire, 1C TS, 16 AWG, UL10846, 300V, 80C, 4.5 mm, shielded, VW-1, TPU	1	
3	32-00024	Heat shrink, 5.5 mm ID, 5 mm OD, EVA, 2:1 ratio, 125 °C, UL VW-1, thin wall	1	black, covers end of jacket
4	32-00016	Heat shrink, 1.4 mm ID, 1 mm OD, EVA, 2:1 ratio, 125 °C, UL VW-1, thin wall	1	black, coveres of sleeve

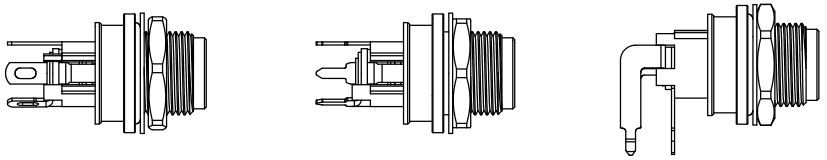


Ratings
Voltage: 48 Vdc
Current: 9.5 A
Temperature: -20 ~ 80°C
Ingress: IP68

Materials
Phthalate free
Halogen free

Functionally equivalent components may be substituted

54-00409 54-00410 54-00414



Mating connectors

Wiring Diagram	
55-00204	wire color
center	white
sleeve	black

Revision:	Date:	Description:
A	03/10/2025	Initial release

Prepared: CR Digitally signed by CR Date: 2026.02.03 10:17:41 -08'00'

Verified: KM Digitally signed by KM Date: 2026.02.05 11:35:32 -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, 5.5x2.5x12 mm 55-00204 dc plug to 5 mm tinned, 16 AWG, 30-00555, IP68

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-06362
Scale: 1:1
Sheet 1 of 1

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

5 4 3 2 1