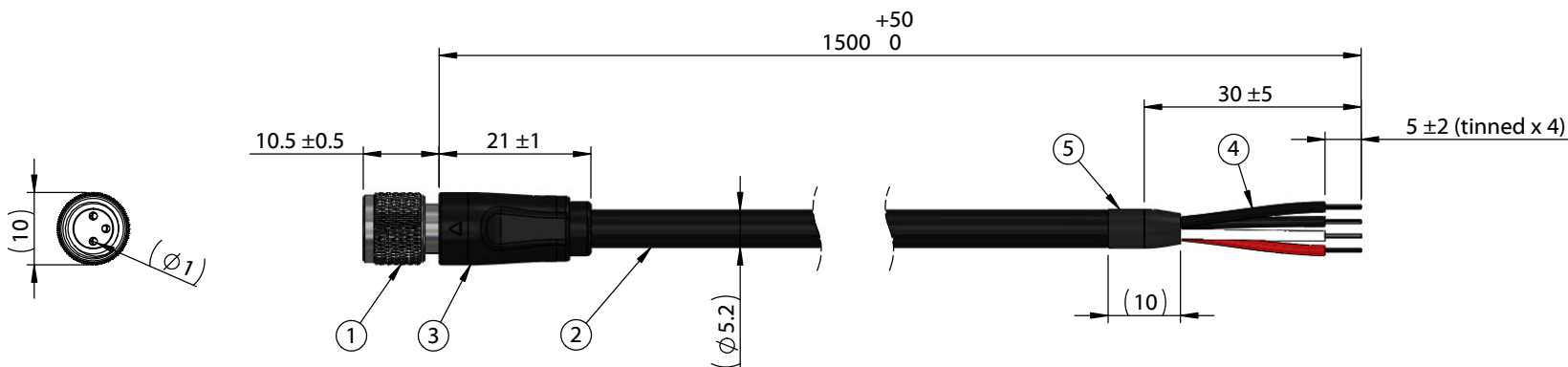


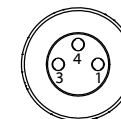
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00681	Connector, 3 pin M8 A-code socket, 8x15.1 mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	30-01571	Wire, 3C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.2 mm, shielded, VW-1, PVC, 80A, black	1	
3	24-00378	Overmold, M8 plug and jack, 180°	1	PVC, black
4	Heat Shrink	Heat shrink, black	1	covers drain
5	Heat Shrink	Heat shrink, black	1	covers end of jacket



Notes:
Cable rated for 60 V, 3 A
Temperature: -40 ~ 105 °C
Oil resistant up to 60 °C
Water resistant up to 75 °C
UV resistant

IP67 waterproof rating when mated with corresponding (IP67) connector

Functionally equivalent components may be substituted



Front View

Not to Scale

Wiring Diagram	
50-00681	wire color
1	red
3	black
4	white
Shell	shield/drain

Revision:	Date:	Description:
A	1/24/22	Initial release

Prepared: JD <small>Digitally signed by JD Date: 2022.01.24 10:59:14 -08'00'</small>
Verified: PB <small>Digitally signed by PB Date: 2022.01.24 11:49:24 -08'00'</small>
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, 1500mm, 1.0 mm 3C 50-00681 M8 socket to 5mm tinned, 24 AWG, 30-01571 wire, shielded

TENSILITY

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Size: A	Part number: 10-04135
Scale: 1:1	Sheet 1 of 1