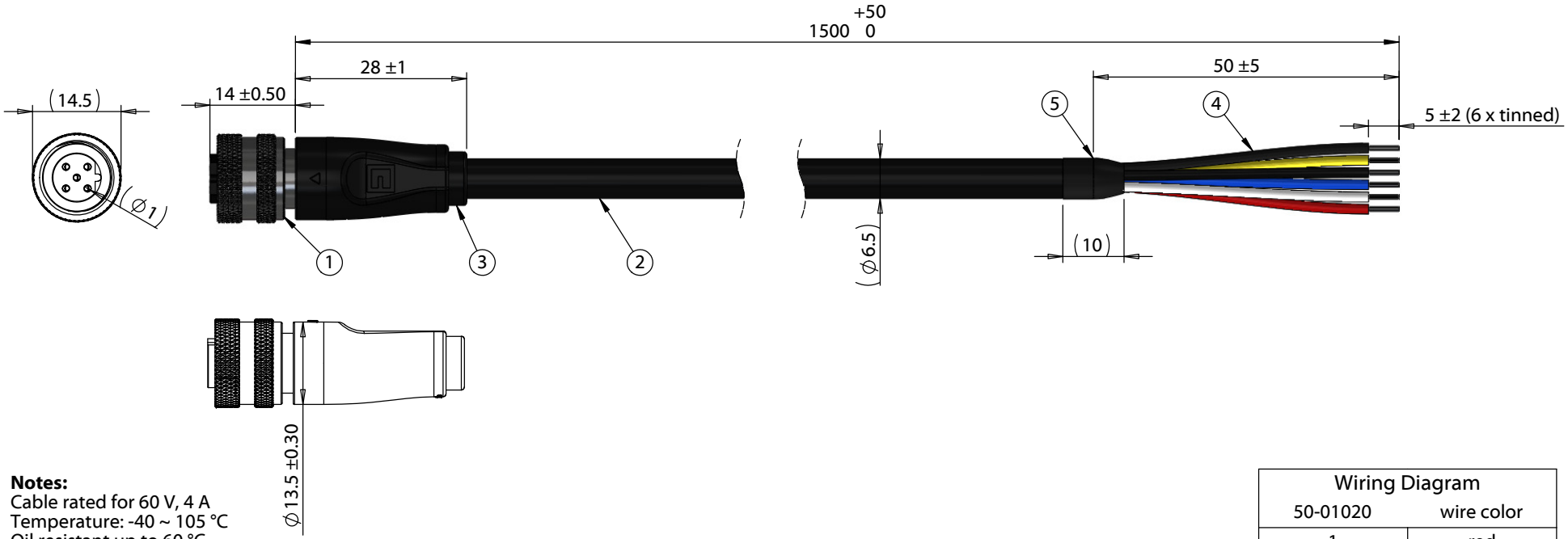
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01020	Connector, 5 pin M12 B-code socket, 12xL21.5mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	30-01586	Wire, 5C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.5 mm, shielded, VW-1, PVC, 80A, black	1	
3	24-00349	Overmold, M12 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, 4 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

Wiring Diagram	
50-01020	wire color
1	red
2	yellow
3	black
4	white
5	blue
Shell	shield/drain

Revision:	Date:	Description:
A	9/18/23	Initial release

Prepared: BL Digitally signed by BL Date: 2023.10.04 10:43:55 -07'00'

Verified: KW Digitally signed by KW Date: 2023.10.04 13:07:15 -07'00'

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, 1500mm, 1.0 mm 5C 50-01020 M12 socket to 5mm tinned, 22 AWG, 30-01586 wire, shielded

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A

Part number: 10-05554

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

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