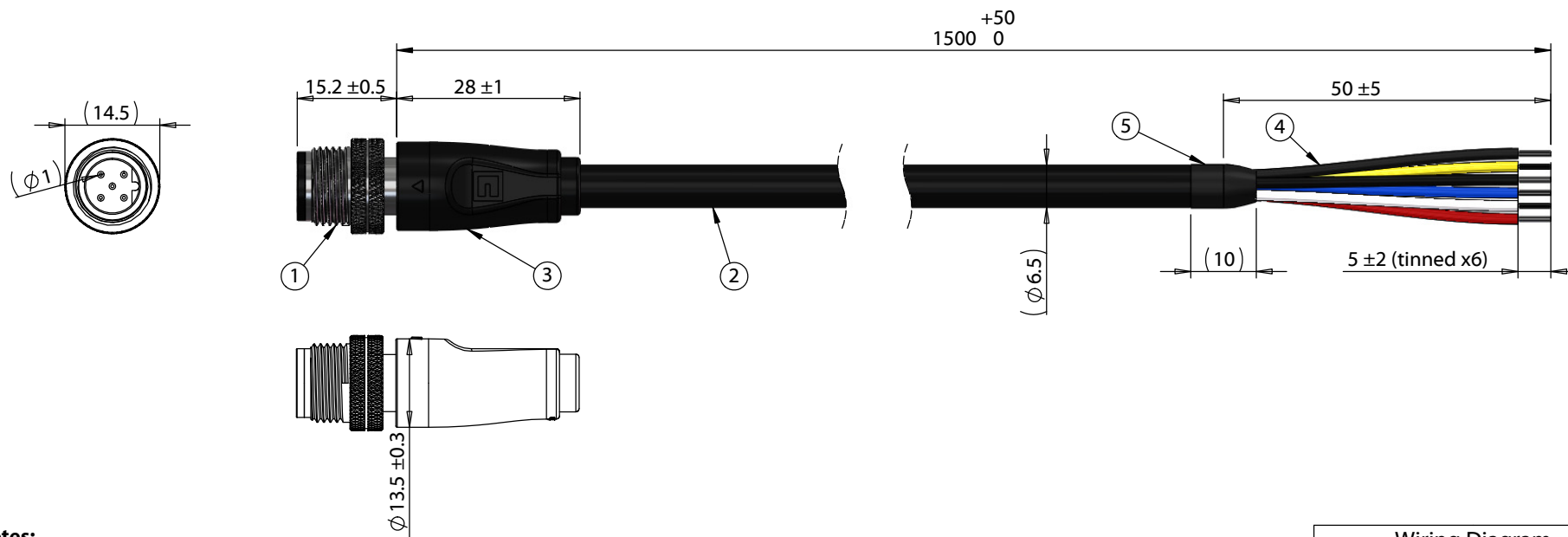


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01021	Connector, 5 pin M12 B-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	30-01586	Wire, 5C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.5 mm, shielded, VW-1, PVC, 80A, black	1	
3	24-00349	Overmold, M12 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

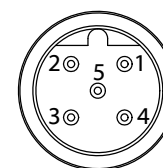


Notes:

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



Front View
Not to Scale

Wiring Diagram	
50-01021	wire color
1	red
2	yellow
3	black
4	white
5	blue
Shell	shield/drain

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	9/18/2023	Initial release	Verified:	RoHS compliant	
			Dimensions are in millimeters. Tolerances:	Function test: no open, no short circuit, no intermittent	
			X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 1500mm, 1.0 mm 5C 50-01021 M12 plug to 5mm tinned, 22 AWG, 30-01586 wire, shielded	
					Size: A Part number: 10-05549 Scale: 1:1

5

4

3

2

1