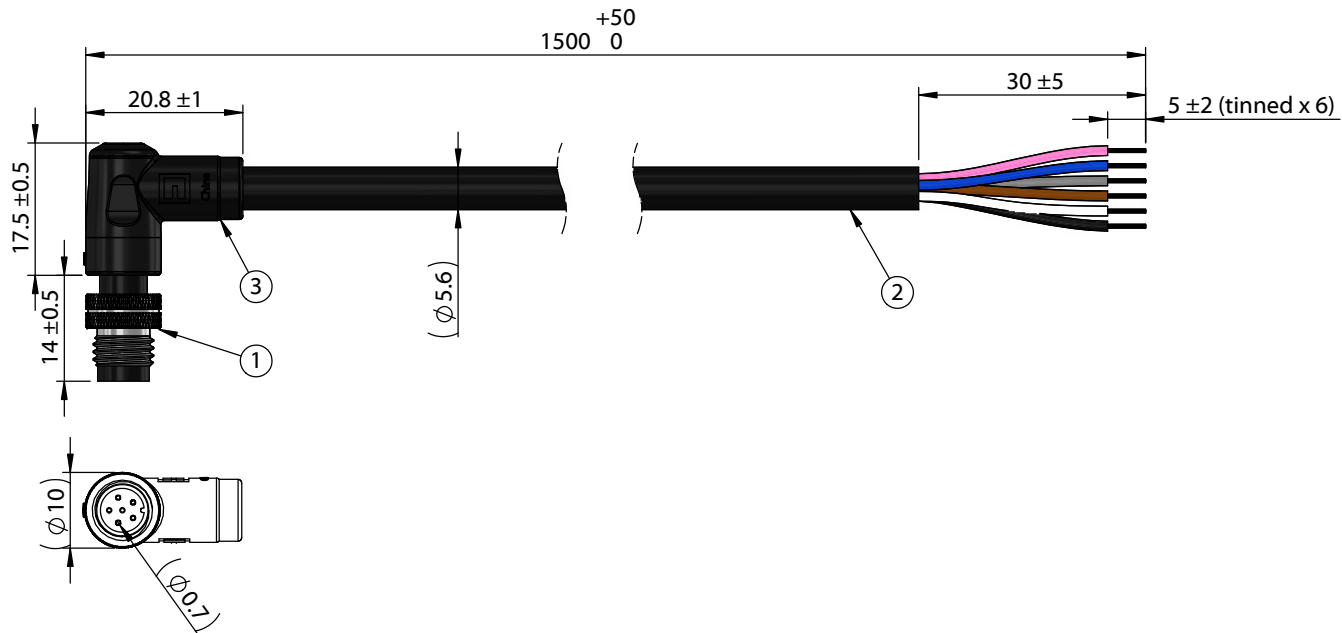
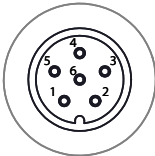


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01007	Connector, 6 pin M8 A-code plug, 8x20.3 mm, gold plated, molding style, solder cup, IP67	1	
2	30-02981	Wire, 6C TS, 26 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.6 mm, VW-1, PVC, 80A, black	1	
3	24-00401	Overmold, M8 plug and jack, 90°	1	PVC, black



Notes:
Cable rated for 30 V, 1 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	
50-01007	wire color
1	brown
2	white
3	blue
4	black
5	gray
6	pink

Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Function test: no open, no short circuit, no intermittent	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	3/13/2023	Initial release	Verified:			
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 1500mm, 0.7 mm 6C 90° 50-01007 M8 plug to 5mm tinned, 26 AWG, 30-02981 wire	Size: A	Part number: 10-05409
					Scale: 1:1	Sheet 1 of 1