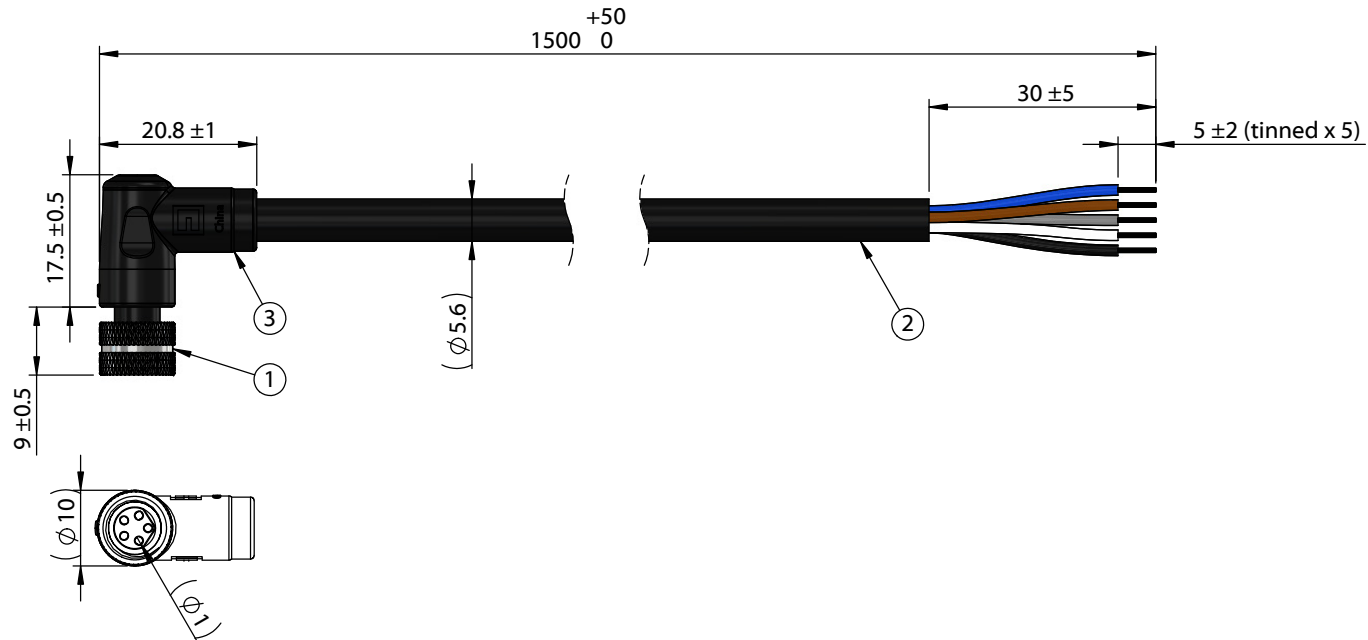


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01004	Connector, 5 pin M8 B-code socket, 8x15.2 mm, gold plated, molding style, solder cup, IP67	1	
2	30-02980	Wire, 5C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.6 mm, VW-1, PVC, 80A, black	1	
3	24-00401	Overmold, M8 plug and jack, 90°	1	PVC, black

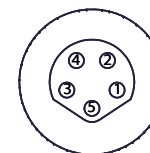


Notes:

Cable rated for 30 V, 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	
50-01004	wire color
1	brown
2	white
3	blue
4	black
5	gray

Revision:	Date:	Description:	Prepared:	Notes:	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.	Description:	Size:	Part number:	
			Tolerances:		A	10-05360	
			X: ± 0.5 mm	Cable, 1500mm, 1.0 mm 5C 90° 50-01004 M8 socket to 5mm tinned, 24 AWG, 30-02980 wire	Scale:	1:1	Sheet 1 of 1
			X.X: ± 0.3 mm				
			X.XX: ± 0.05 mm				

5

4

3

2

1