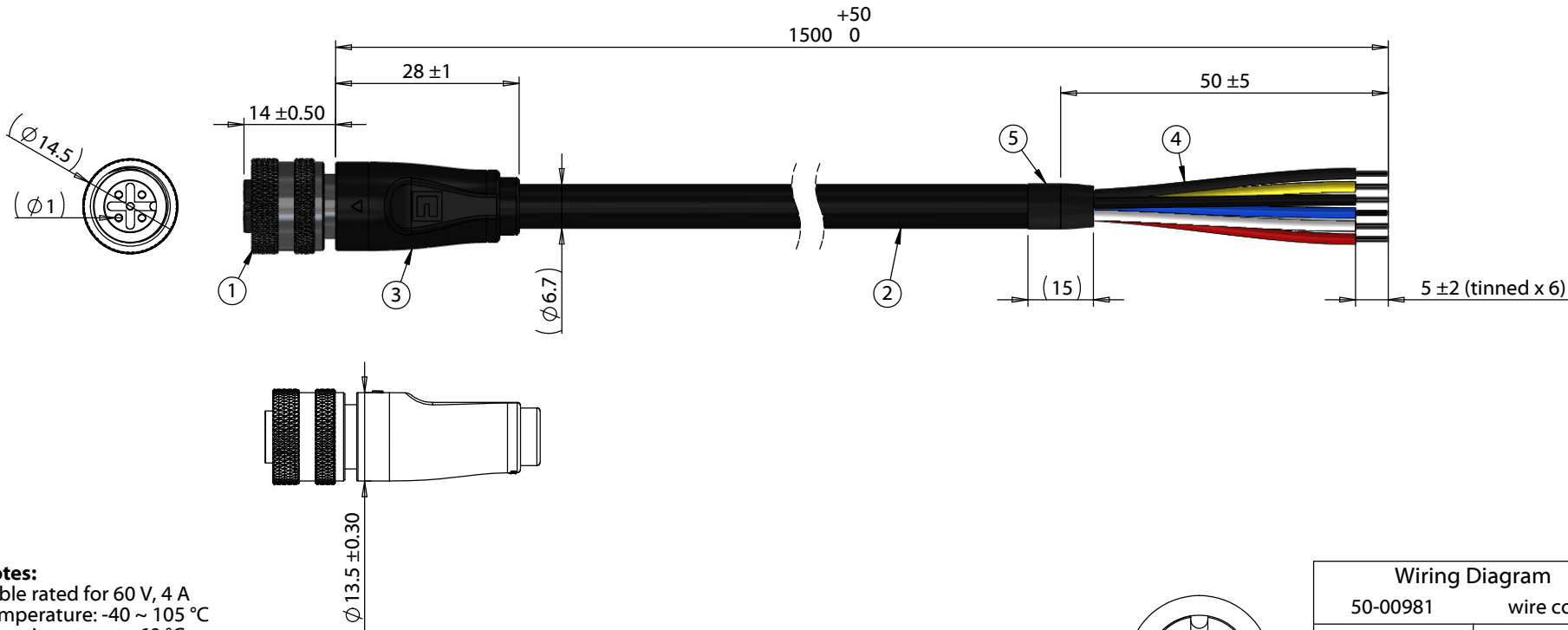


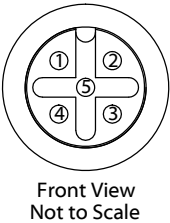
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00981	Connector, M12 A-code socket, 5 pin, 12xL22 mm, molding style, solder cup, gold plated, IP67, shielded	1	
2	30-03014	Wire, 5C TS, 22 AWG, UL21765, 300V, 105C, 60C oil, UV, 6.7 mm, shielded, VW-1, TPU	1	
3	24-00349	Overmold, M12 plug and jack, 180°	1	TPU, black
4	Heat shrink	Heat shrink	1	black, covers drain
5	Heat shrink	Heat shrink	1	black, 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	
50-00981	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	01/07/2025	Initial release	Verified:				
			Dimensions are in millimeters.	Description:	Size:	Part number:	
			Tolerances:		A	10-06216	
			X: ± 0.5 mm	Cable, 1500 mm, 1.0 mm 5C 50-00981 M12 socket to 5 mm tinned, 22 AWG, 30-03014 wire, shielded	Scale:	1:1	Sheet 1 of 1
			X.X: ± 0.3 mm				
			X.XX: ± 0.05 mm				