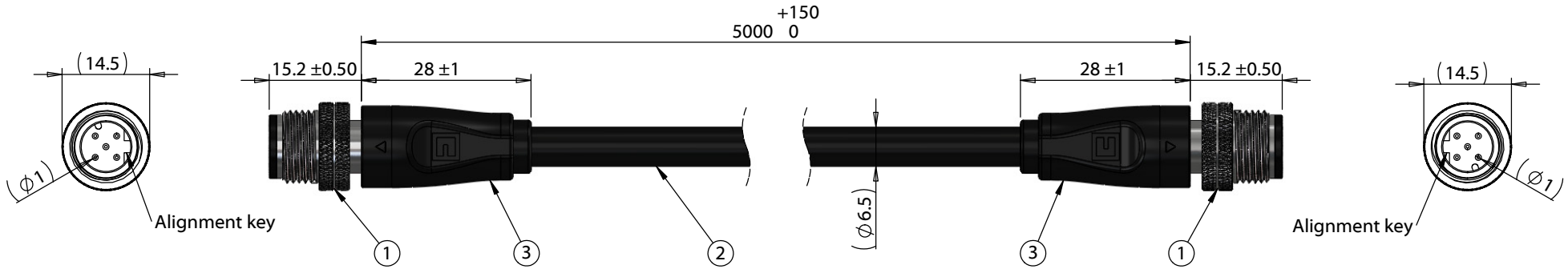
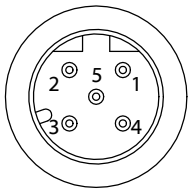
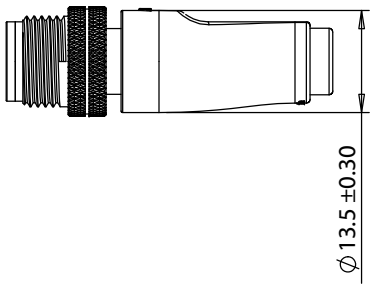
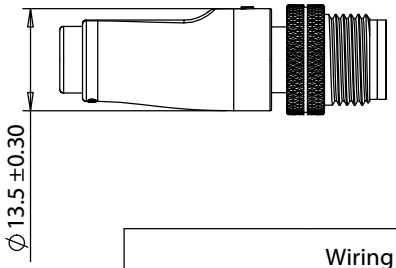
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01033	Connector, 5 pin M12 D-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded	2	
2	30-01586	Wire, 5C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.5 mm, shielded, VW-1, PVC, 80A, black	1	
3	24-00349	Overmold, M12 plug and jack, 180°	2	PVC, black

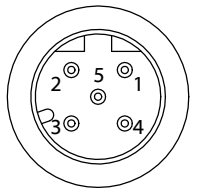




Front View
Not to Scale







Front View
Not to Scale

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		
50-01033	wire color	50-01033
1	red	1
2	yellow	2
3	black	3
4	white	4
5	blue	5
shell	shield/drain	shell

Revision:	Date:	Description:
A	10/26/2023	Initial release

Prepared: KW Digitally signed by KW Date: 2023.10.30 09:54:20 -07'00'

Verified: BL Digitally signed by BL Date: 2023.10.30 12:03:02 -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, 5000mm, 1.0 mm 5C 50-01033 M12 plug D-code to same, 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: 10-05891

Scale: 1:1

Sheet 1 of 1

5 4 3 2 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

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