

10	9	
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300100851	114030K03M010	1M (3 FT 3.4 IN)
1300100852	114030K03M020	2M (6 FT 6.7 IN)
1300100853	114030K03M030	3M (9 FT 10.1 IN)
1300100855	114030K03M050	5M (16 FT 4.9 IN)
1300100860	114030K03M100	10M (32 FT 9.7 IN)
1300102178	114030K03M150	15M (49 FT 2.6 IN)
1300102179	114030K03M200	20M (65 FT 7.4 IN)

CABLE LENGTH TOLERANCES

<.3M [1FT]: +19mm-0 [+.75in-0]

.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]

.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]

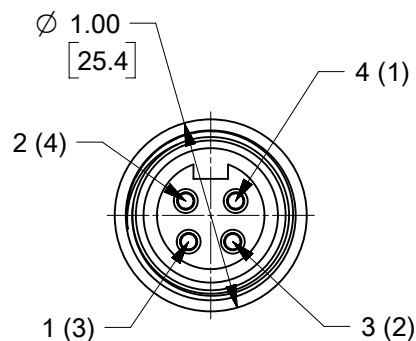
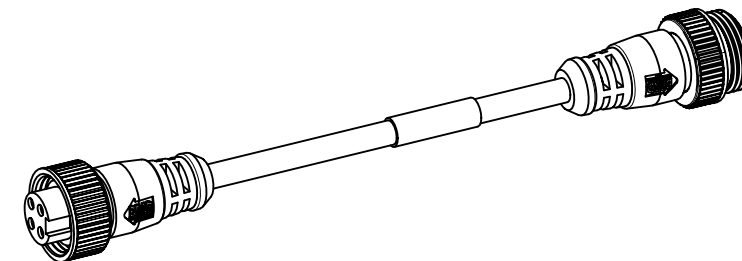
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

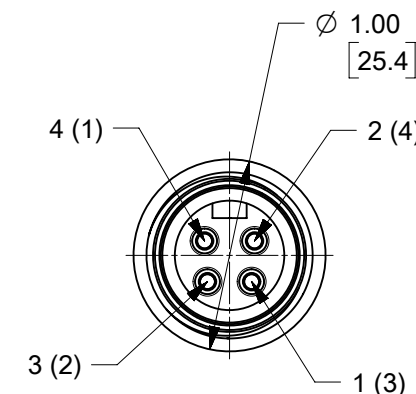
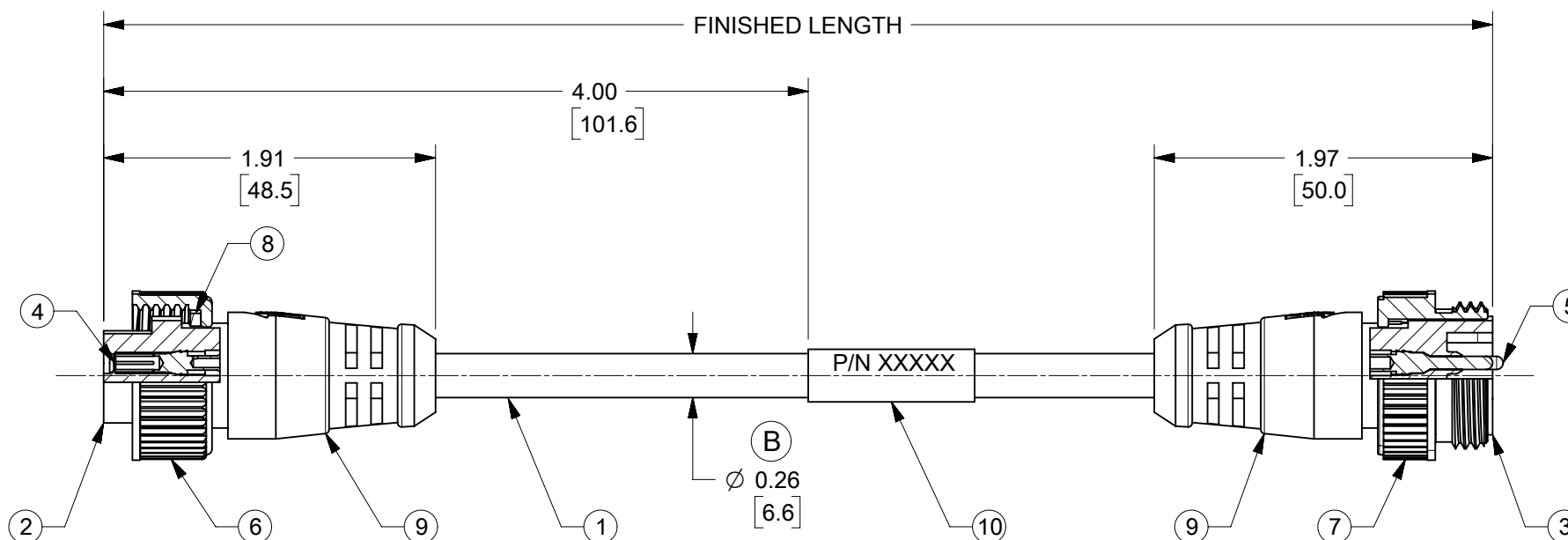
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH



FEMALE FACE VIEW



MALE FACE VIEW

WIRING DIAGRAM

BLACK	4 (1)
BLUE	3 (2)
BROWN	1 (3)
WHITE	2 (4)

PART NUMBER LEGEND

114030K03M010

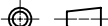
FINISHED LENGTH : -
M010 = 1.0 METERS
M100 = 10.0 METERS
M200 = 20.0 METERS

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

10	WRAP LABEL	VINYL	BLACK/YELLOW
9	OVERMOLD	TPE	YELLOW
8	FRICTION RING	NYLON	WHITE
7	MALE COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
6	FEMALE COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
5	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
4	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
3	MALE INSERT	TPE	YELLOW
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, 4P, 18AWG, ITC/PLTC	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH
DOCUMENT STATUS	P1	RELEASE DATE	2022/04/08 14:05:48

CENELEC EN 50 044 PINOUT SHOWN
(SAE-J-1738A IN PARENTHESES)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED MATERIAL TABLE, TOL. TABLE & TEMP RATING. ADDED ITEM 8, CABLE DIA., MECH. CHARACTERISTICS & CSA. EC NO: 701162 DRWN: AKABADI 2021/09/16 CHK'D: RSTONE 2022/03/30 APPR: BWOODMAN 2022/04/08				molex MINI-CHANGE CORDSET, A SIZE 4 POLE, FEMALE/MALE, STRAIGHT, SINGLE KEY, 18 AWG TPE HI-FLEX										
		INCH/MM		1:1											PRODUCT CUSTOMER DRAWING					
		GENERAL TOLERANCES (UNLESS SPECIFIED)																		
		ANGULAR TOL ± 0.5°								DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION		
DIVISIONAL SYMBOLS		4 PLACES		±		INITIAL REVISION:				1300102178					PSD		000		B	
		3 PLACES		±		DRWN: CCHRSTKA 2019/06/20														
		2 PLACES		±		APPR: BWOODMAN 2019/08/14														
				1 PLACE		±														
		0 PLACES		±																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
								B-SIZE		130010		SEE TABLE		GENERAL MARKET		1 OF 1				