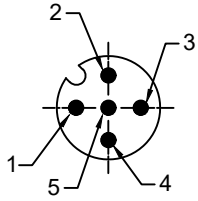
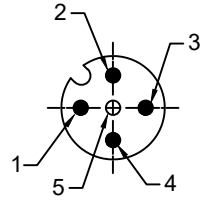


FEMALE FACE VIEW	
4 POLE	5 POLE



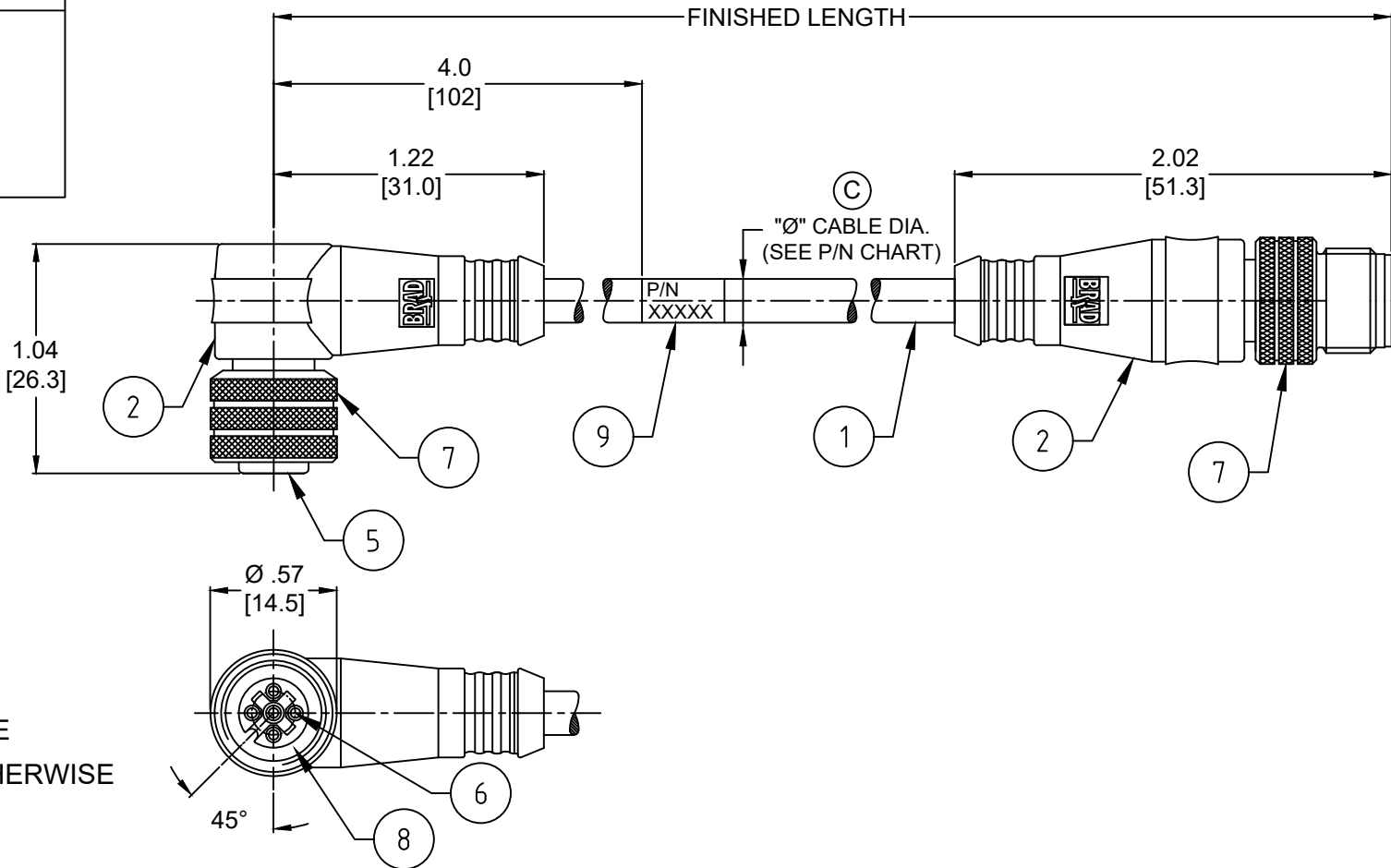
1 BROWN	1 BROWN
2 WHITE	2 WHITE
3 BLUE	3 BLUE
4 BLACK	4 BLACK
5 NOT USED	5 GRAY

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12X1
7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837 ©
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

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

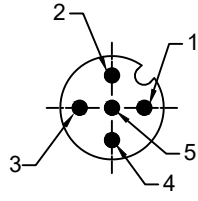
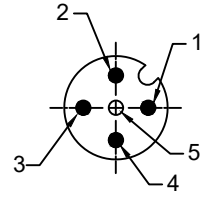
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	O-RING	VITON	RED
7	COUPLER	BRASS	TEFLON/NICKEL
6	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
5	INSERT (FEMALE)	PUR	BLACK
4	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT (MALE)	PUR	BLACK
2	OVERMOLD	TPC	YELLOW
1	CABLE #18/4-5 AWG	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200660969	884031K03M003	0.3M [1FT]	4	.26/6.6
1202010015	884031K03M200	20M [65FT 7 IN]		
1200661045	885031K03M005	0.5M [1FT 8 IN]	5	.28/7.1
1200661961	885031K03M200	20M [65FT 7 IN]		

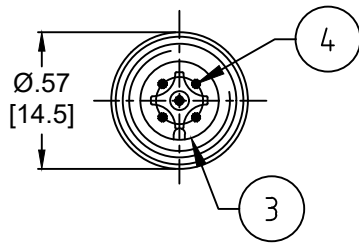


POLES (4 & 5)	FINISHED LENGTH M005 = 0.5 METER M010 = 1 METER M100 = 10 METER
------------------	--

MALE FACE VIEW	
4 POLE	5 POLE



1 BROWN	1 BROWN
2 WHITE	2 WHITE
3 BLUE	3 BLUE
4 BLACK	4 BLACK
5 NOT USED	5 GRAY



C

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]

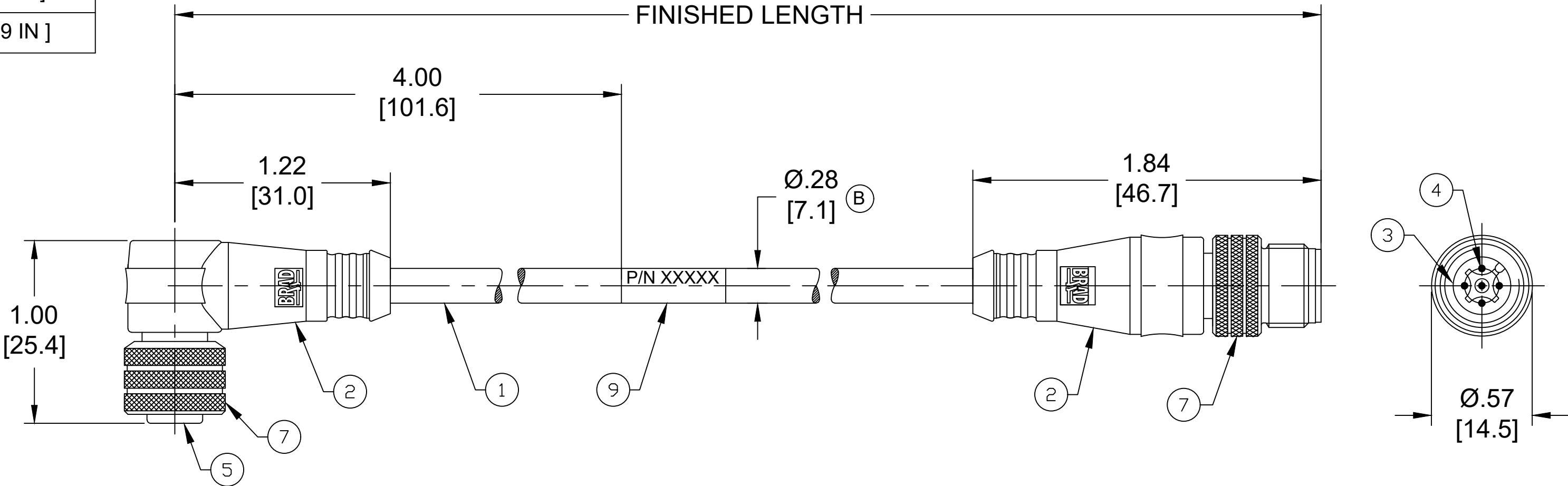
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

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

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

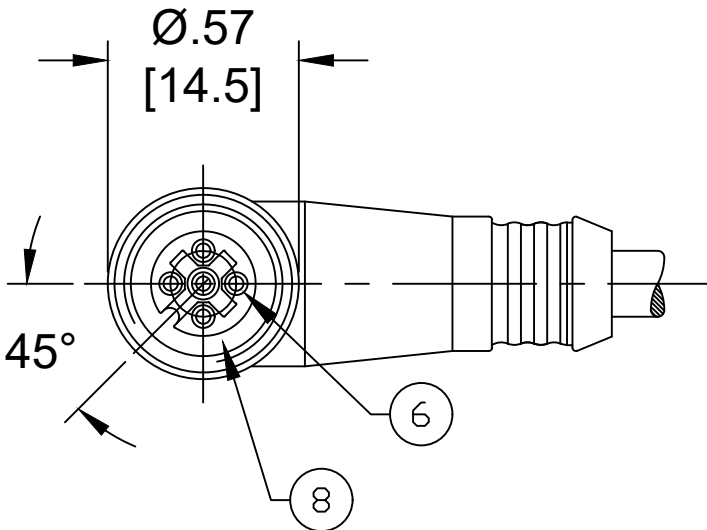
FUNCTIONAL SYMBOLS E =0 F =0 V =0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM #2 WAS TPE. ITEM #9 WAS MYLAR. REMOVED 3 POLE DETAILS. ADDED UL, CSA, TOL CHART & CABLE DIA. MODIFIED PN CHART & FACE VIEWS EC NO: 669893 DRWN: ABENJAMINLW2021/06/30 CHK'D: RSTONE2021/07/12 APPR: BWOODMAN2021/07/14					molex MICRO-CHANGE CORDSET, M12 4-5 POLE, FEMALE 90DEG - MALE STRAIGHT, SINGLE KEY, #18 AWG TPE HI-FLEX								
	INCH/MM		NTS															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-120066-021 DOC TYPE PSD DOC PART 001 REVISION C					SHEET NUMBER 1 OF 1								
		mm	INCH															
	4 PLACES	±----	±----															
	3 PLACES	±----	±----															
	2 PLACES	±----	±----															
	1 PLACE	±----	±----	INITIAL REVISION:					MATERIAL NUMBER SEE CHART CUSTOMER GENERAL MARKET					SHEET NUMBER 1 OF 1				
	0 PLACES	±----	±----	DRWN: LSTEMMLE2010/02/01 APPR: FPACHER2010/02/03														
ANGULAR TOL ± ---- °																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES										
						A3-SIZE		120066										

12	11	10	9	8	7	6	5	4	3	2	1
PART NO	ENGINEERING NO.	FINISHED LENGTH	(B)								
1200661047	885031K03M020	2M [6FT 7 IN]									
1200661048	885031K03M030	3M [9FT 10 IN]									
1200668732	885031K03M100	10M [32FT 9 IN]									

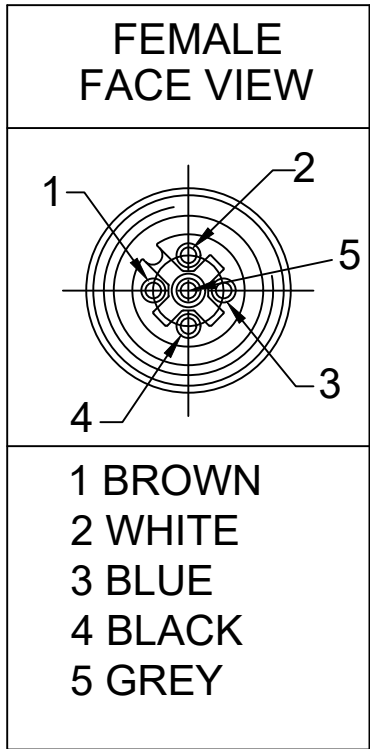


NOTES:

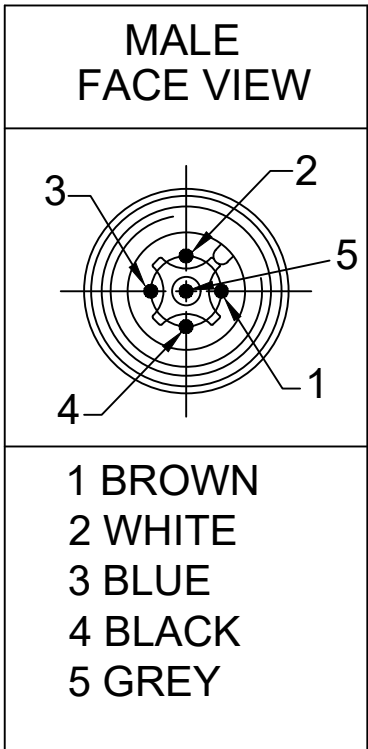
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
4. TEMP RATING: -20°TO +105°C (B)
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12X1
7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837 (B)
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE



WIRING DIAGRAM



WIRING DIAGRAM



PART NO. MATRIX
885031K03M006

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

MECHANICAL CHARACTERISTICS: (B)

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

9	LABEL	VINYL	BLACK/YELLOW	(B)
8	GASKET	VITON	RED	
7	COUPLER	BRASS	NICKEL/TEFLON	
6	CONTACT SOCKET	COPPER ALLOY	Au OVER Ni	(B)
5	INSERT (FEMALE)	TPU	BLACK	
4	CONTACT PIN	COPPER ALLOY	Au OVER Ni	
3	INSERT (MALE)	PUR	BLACK	(B)
2	OVERMOLD	TPC	YELLOW	
1	CABLE #18/5 AWG	TPE	YELLOW	
ITEM	DESCRIPTION	MATERIAL	FINISH	