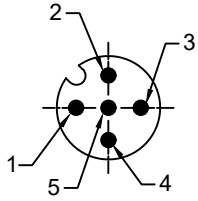
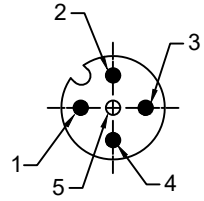


FEMALE FACE VIEW	
4 POLE	5 POLE



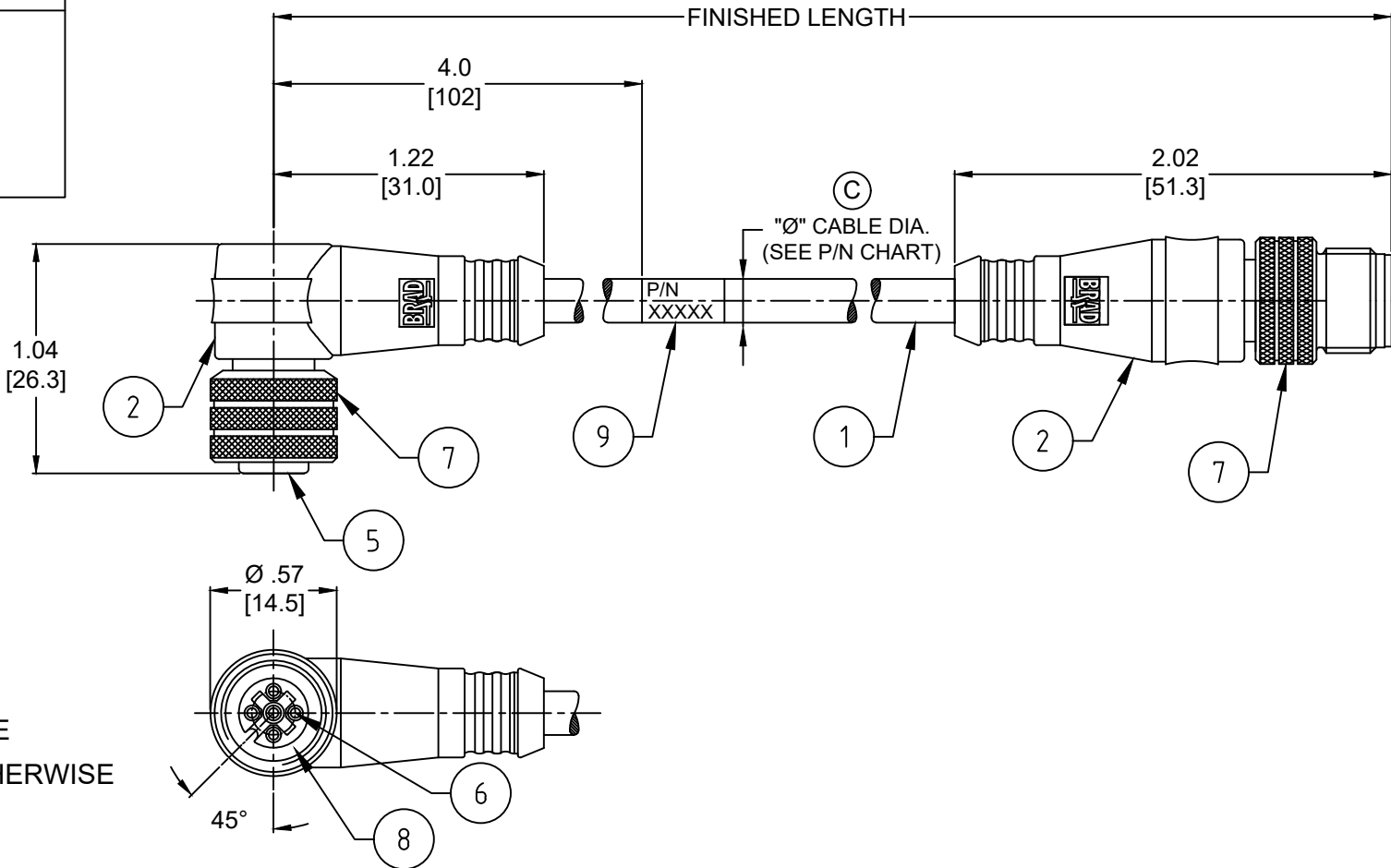
1 BROWN	1 BROWN
2 WHITE	2 WHITE
3 BLUE	3 BLUE
4 BLACK	4 BLACK
5 NOT USED	5 GRAY

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

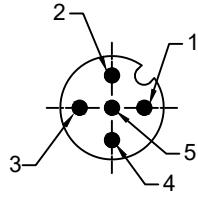
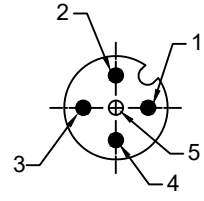
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	O-RING	VITON	RED
7	COUPLER	BRASS	TEFLON/NICKEL
6	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
5	INSERT (FEMALE)	PUR	BLACK
4	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT (MALE)	PUR	BLACK
2	OVERMOLD	TPC	YELLOW
1	CABLE #18/4-5 AWG	TPE JACKET	YELLOW
ITEM	DESCRIPTION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

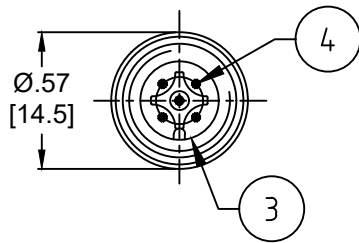


POLES	FINISHED LENGTH
(4 & 5)	M005 = 0.5 METER
	M010 = 1 METER
	M100 = 10 METER

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

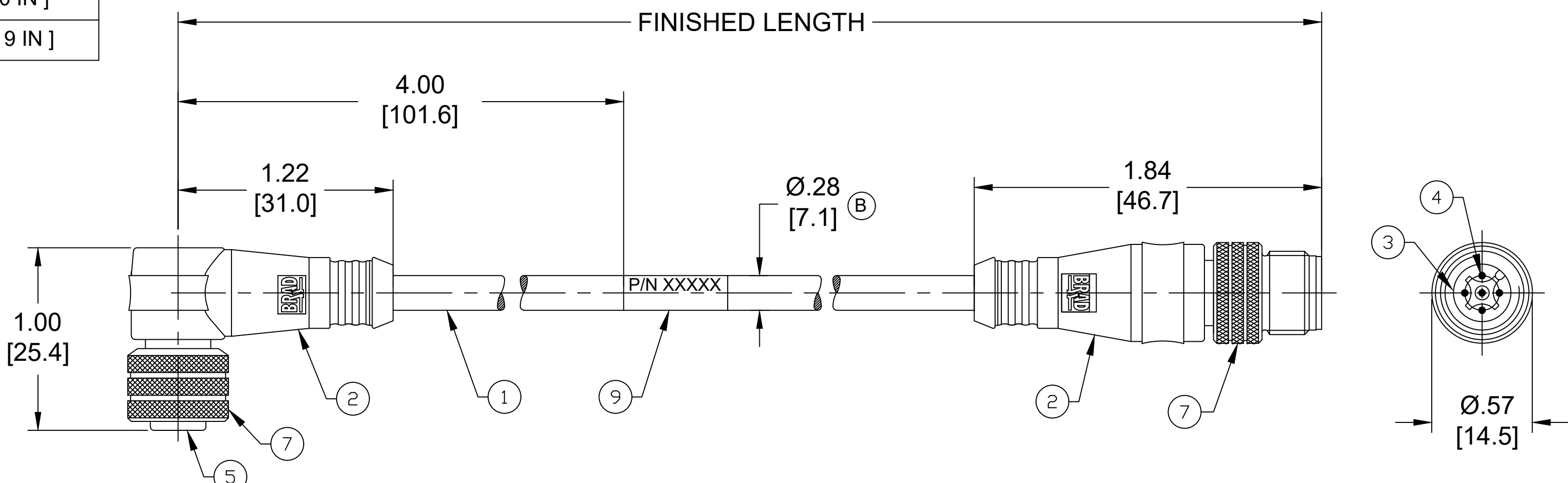


©

<.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

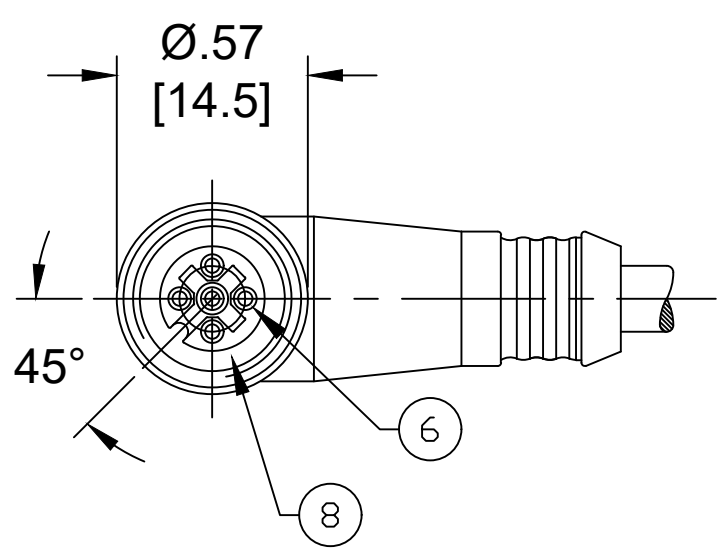
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
F A =0 F C =0 F E =0	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM #2 WAS TPE. ITEM #9 WAS MYLAR. REMOVED 3 POLE DETAILS. ADDED UL, 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 INITIAL REVISION: DRWN: LSTEMMLE2010/02/01 APPR: FPACHER2010/02/03			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)									
DIVISIONAL SYMBOLS		mm	INCH							
	4 PLACES	±----	±----							
	3 PLACES	±----	±----							
	2 PLACES	±----	±----							
	1 PLACE	±----	±----							
	0 PLACES	±----	±----							
	ANGULAR TOL ± ---- °									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						A3-SIZE	120066	SEE CHART	GENERAL MARKET	1 OF 1

12		11		10		9	
PART NO		ENGINEERING NO.		FINISHED LENGTH			
1200661047		885031K03M020		2M [6FT 7 IN]			
1200661048		885031K03M030		3M [9FT 10 IN]			
1200668732		885031K03M100		10M [32FT 9 IN]			

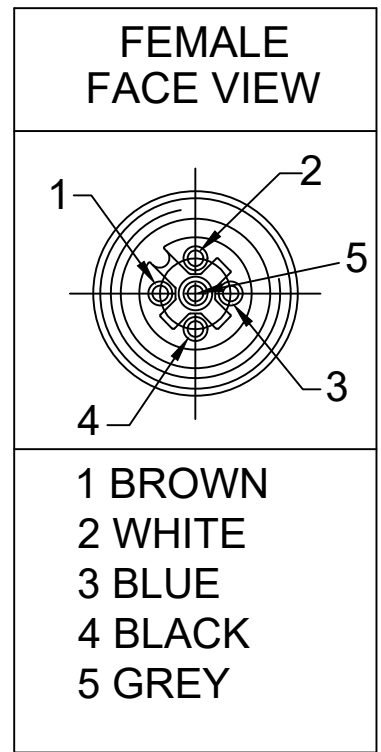


NOTES:

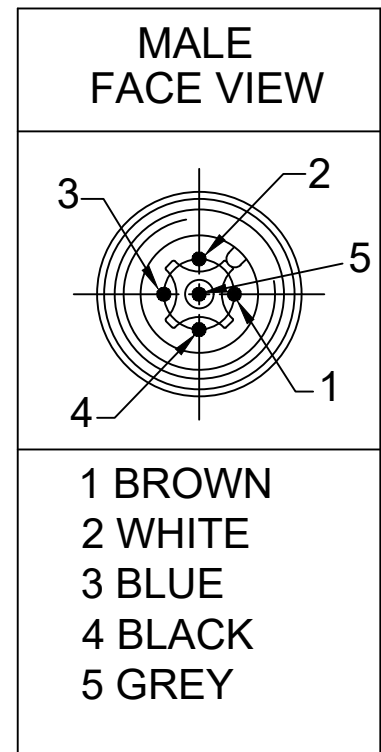
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
4. TEMP RATING: -20°TO +105°C (B)
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12X1
7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837 (B)
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED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

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/23	19:28:36
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FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FA=0 FE=0 FP=0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED ITEM# 2, 5 & TEMP RATING. ADDED GASKET, MECHANICAL CHARCT. UL, CSA, CABLE DIA & TOL CHART. MODIFIED PN CHART				molex				
		INCH/MM		NTS										
		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 666551 DRWN: ABENJAMINLW 2021/03/01 CHK'D: RSTONE 2021/06/10 APPR: BWOODMAN 2021/06/23				MICRO-CHANGE CORDSET, M12, 5 POLE, FEMALE 90/MA STR, SINGLE KEY, #18 AWG HI-FLEX				
			mm		INCH									
		4 PLACES	±----	±----										
3 PLACES	±----	±----												
DIVISIONAL SYMBOLS		2 PLACES		±----	±----	INITIAL REVISION: DRWN: GGUSTAFS 2013/10/30 APPR: BWOODMAN 2013/12/12				PRODUCT CUSTOMER DRAWING				
		1 PLACE		±----	±----									
		0 PLACES		±----	±----									
		ANGULAR TOL		±	----									°
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION										DRAWING
				C-SIZE		120066		SEE CHART		GENERAL MARKET		1 OF 1		