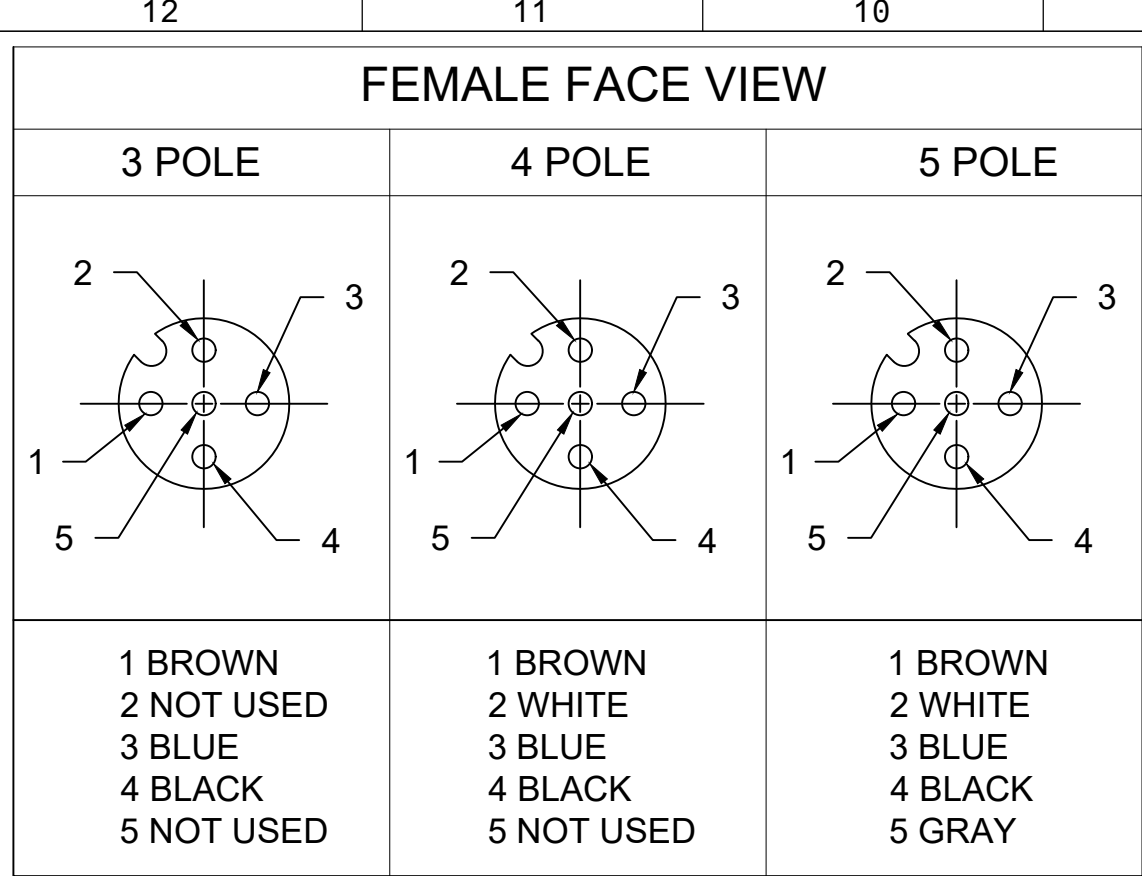
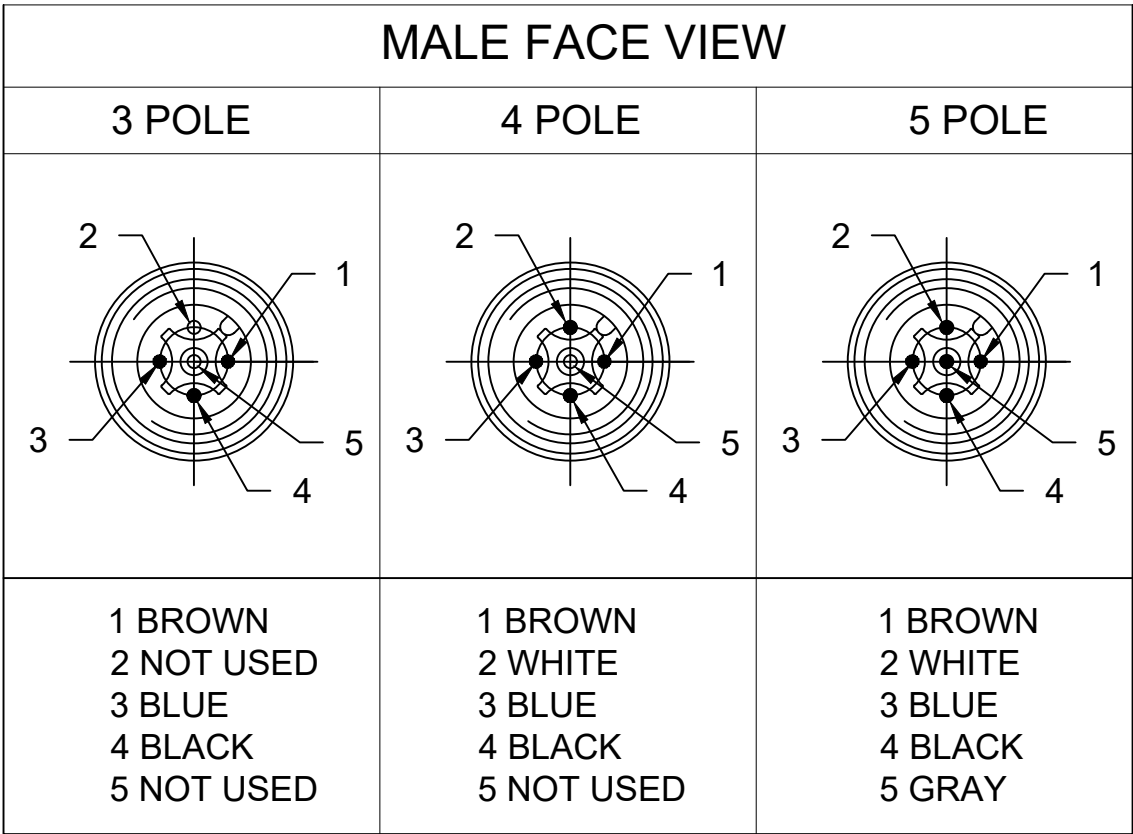
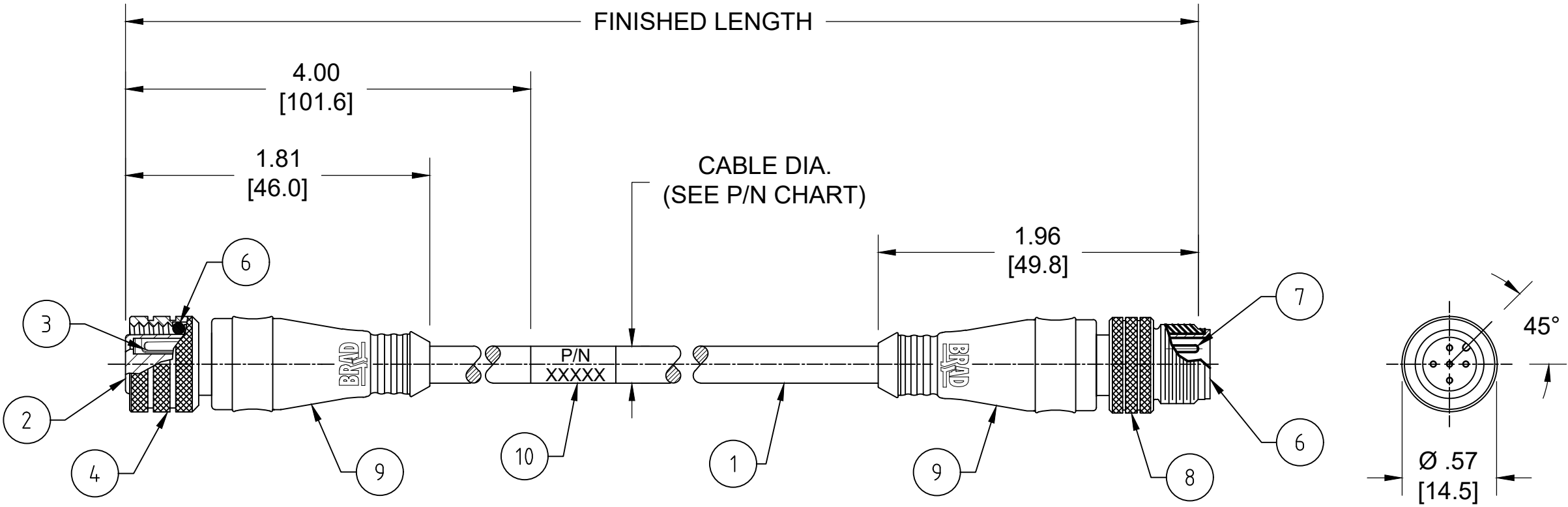
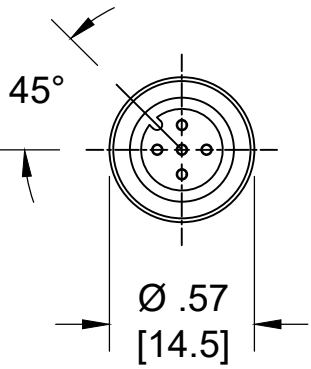




PART NO.	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200660675	883030K05M005	0.5M [1FT 8 IN]	3	.20[5.1]
1200660695	884030K05M100	10M [32FT 10 IN]	4	.21[5.3]
1200662239	885030K05M300	30M [98FT 5 IN]	5	.23[5.8]



- NOTES:
- 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: M12 X 1
 - 7. UL RECOGNIZED FILE: E152210
 - CSA CERTIFIED FILE: LR6837
 - 8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERACED OR NOTED OTHERWISE



CABLE FLEX CHARACTERISTICS

TORSIONAL FLEX TEST	5 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	6.5 MILLION CYCLES PER MIL-C-13777G
DRAG CHAIN TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

10	WRAP LABEL	VINYL	BLACK/WHITE
9	OVERMOLD	TPC	YELLOW
8	MALE COUPLING NUT	BRASS	NICKEL PLATED
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	PUR	BLACK
5	O-RING	VITON	RED
4	FEMALE COUPLING NUT	BRASS	NICKEL PLATED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	PUR	BLACK
1	#22/3-5 AWG CABLE	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

PART NUMBER LEGEND

883030K05M005

POLES: 3,4 & 5

CABLE TYPE
22AWG
TPE YELLOW

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

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 F A =0 F E =0 F P =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-9 WAS TPE. ITEM-10 WAS BLACK/YELLOW. MODIFIED CABLE FLEX CHART, TEMP RATING AND PART NUMBER CHART				molex			
	INCH/MM		NTS									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 785985 DRWN: ABENJAMINLW 2024/05/07 CHK'D: PDODDAMANEMY 2024/05/13 APPR: BWOODMAN 2024/05/13				MICRO-CHANGE CORDSET, M12 3-5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #22AWG TPE CABLE			
		mm		INCH								
	4 PLACES		± ----		± ----	PRODUCT CUSTOMER DRAWING						
	3 PLACES		± ----		± ----							
	2 PLACES		± ----		± ----							
	1 PLACE		± ----		± ----							
	0 PLACES		± ----		± ----	DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION	
ANGULAR TOL		±		----	°	SD-120066-011		PSD	001	C		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
						C-SIZE	120066	SEE CHART	GENERAL MARKET		1 OF 1	

molex

MICRO-CHANGE CORDSET, M12
3-5 POLE, MALE-FEMALE, STRAIGHT,
SINGLE KEY, #22AWG TPE CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-120066-011

DOC TYPE|DOC PART| REVISION

PSD 001 C