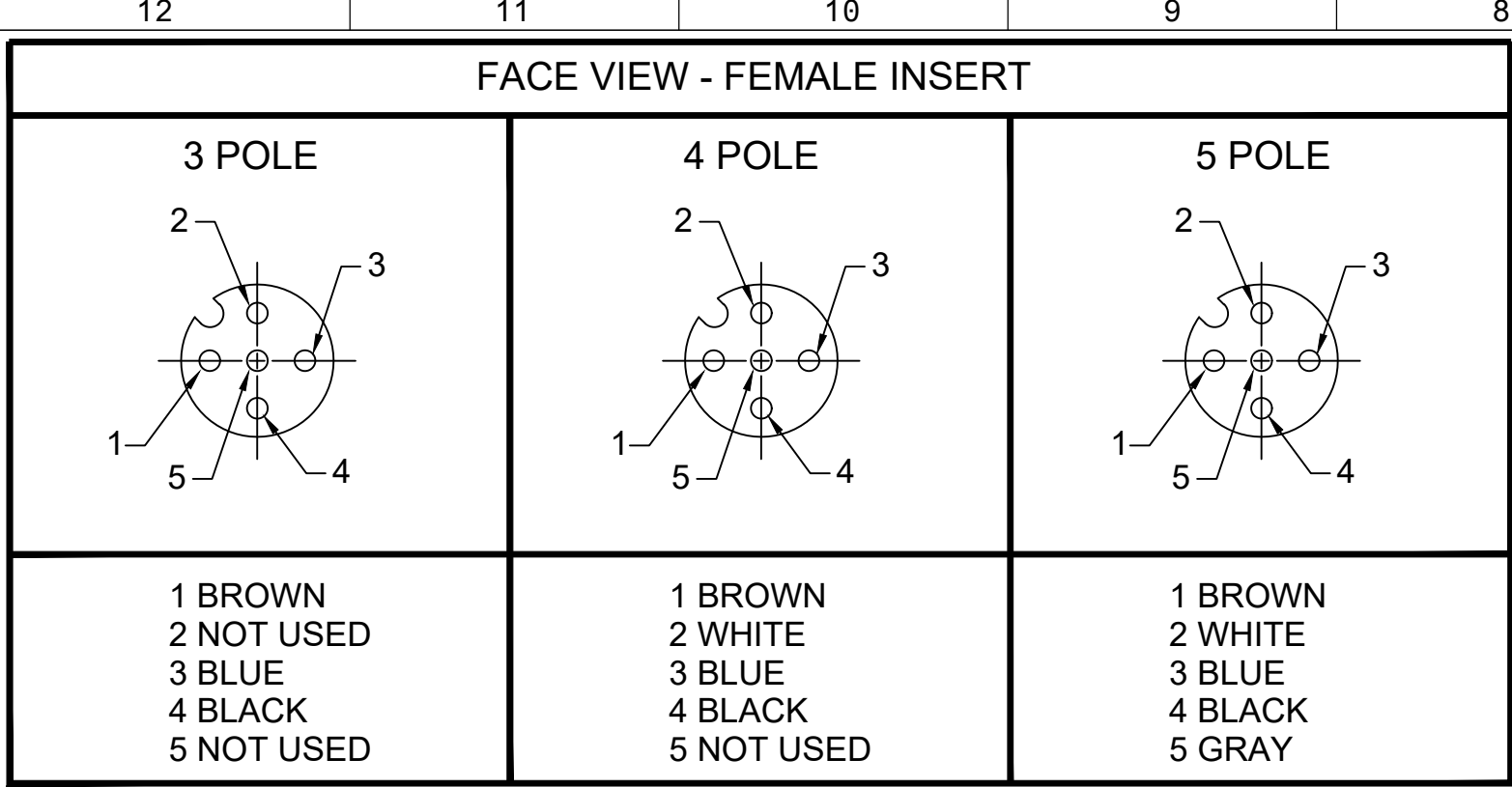




NOTES:

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

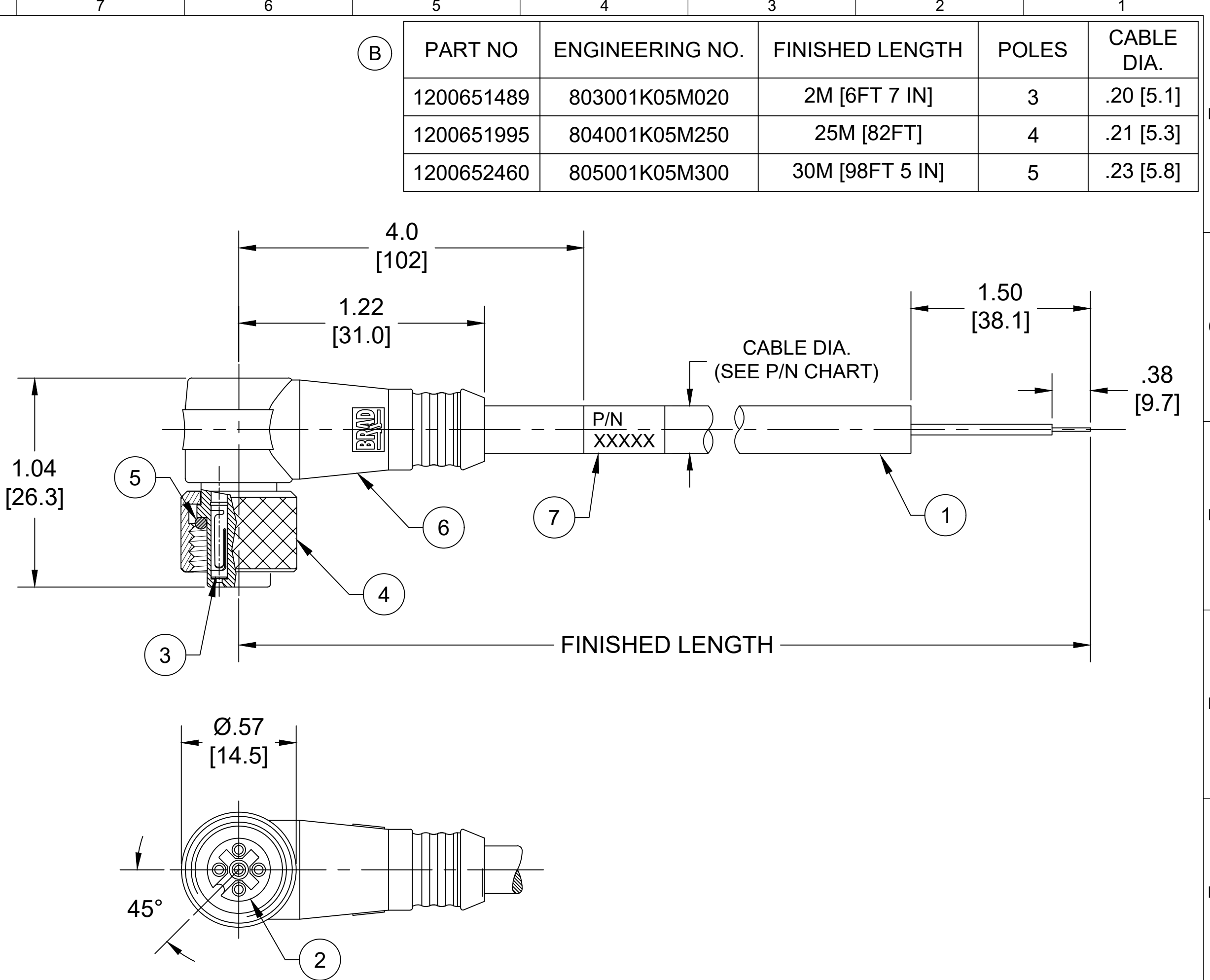
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

CABLE FLEX 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

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

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/28 23:37:19
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PART NO. MATRIX

803001K05M010

POLES (3, 4 & 5)

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	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 #6 WAS TPE. MODIFIED TEMP RATING & PN CHART.				molex						
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 671333 DRWN: ABENJAMINLW 2021/04/27 CHK'D: RSTONE 2021/07/23 APPR: BWOODMAN 2021/07/28				MICRO-CHANGE CORDSET, M12, 3-5 POLE, FEMALE 90 DEG, SINGLE KEY, #22AWG TPE HI-FLEX		
	mm		INCH												
DIVISIONAL SYMBOLS	4 PLACES	±----	±----	INITIAL REVISION:				DOCUMENT NUMBER					DOC TYPE DOC PART REVISION		
	3 PLACES	±----	±----												
	2 PLACES	±----	±----					PRODUCT CUSTOMER DRAWING							
	1 PLACE	±----	±----												
	0 PLACES	±----	±----					SD-120065-113		PSD 001 B					
ANGULAR TOL ± ---- °															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		120065		SEE CHART		GENERAL MARKET		1 OF 1	