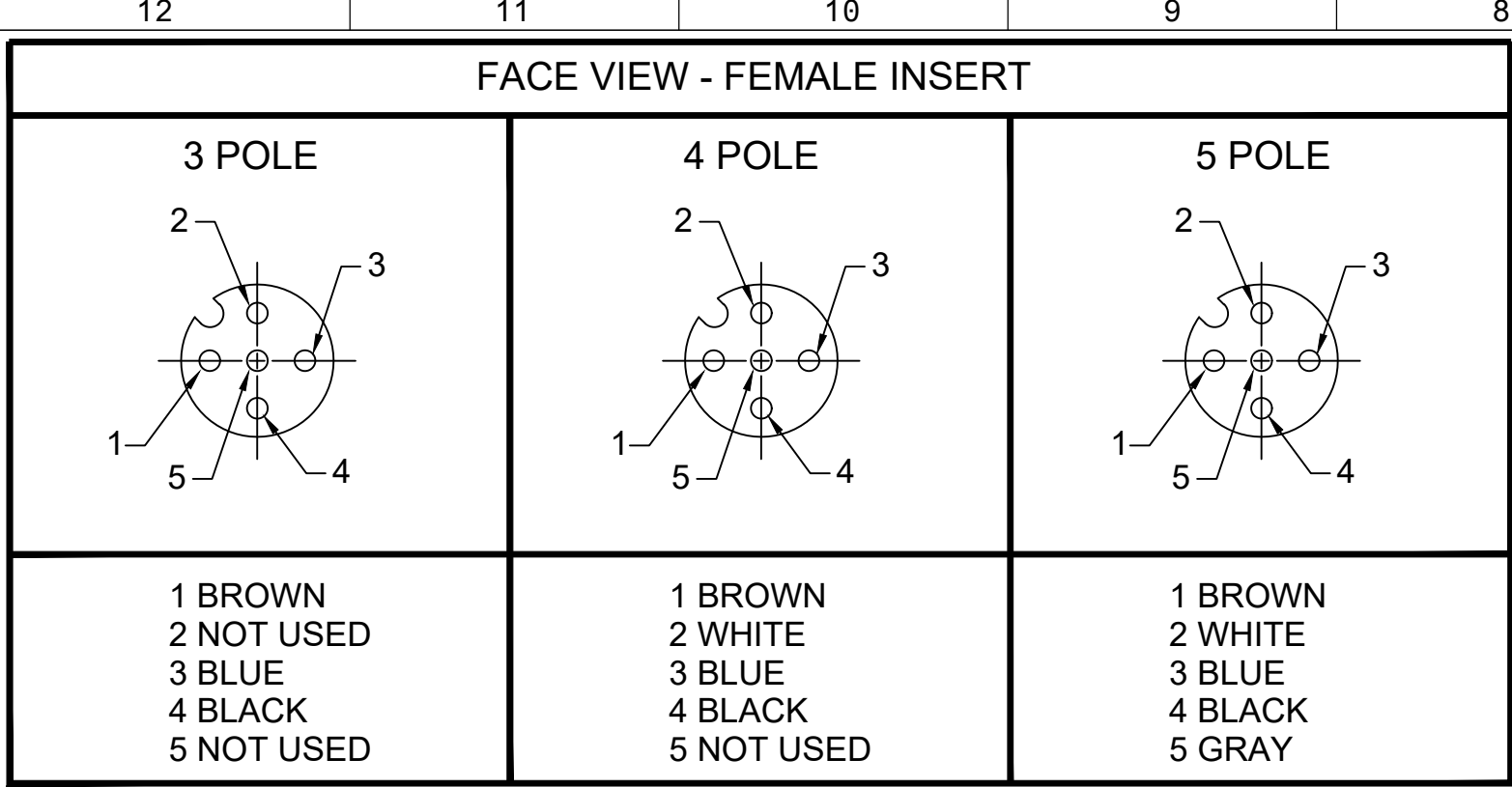




- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
 - 4. TEMP RATING: -20°TO +105°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. COUPLING THREAD: M12X1
 - 7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS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

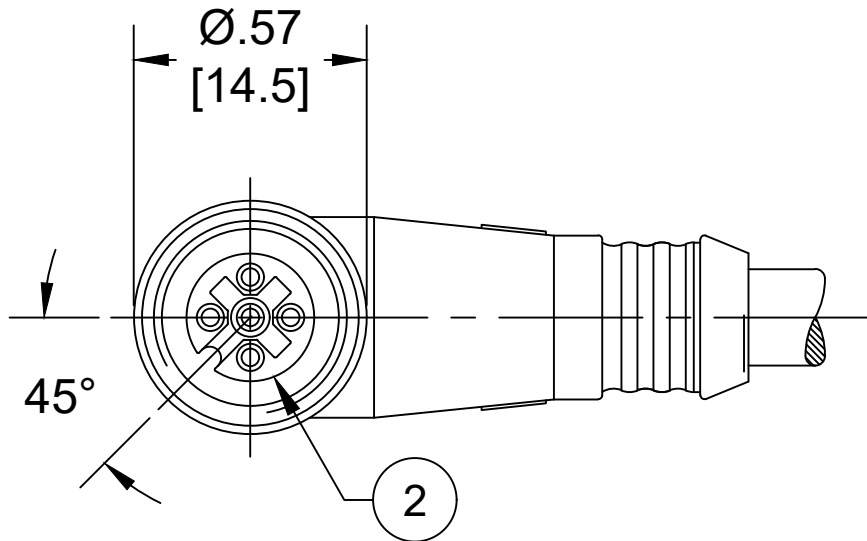
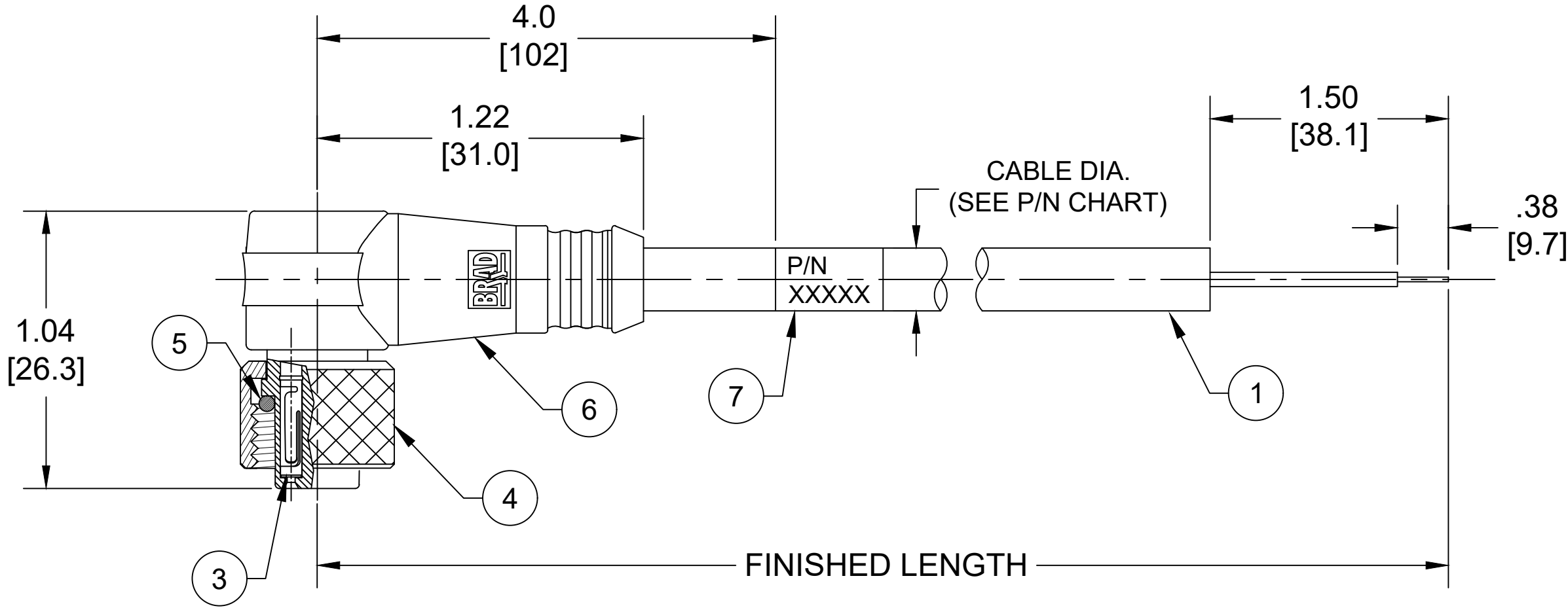
CABLE FLEX CHARACTERISTICS

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	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200651489	803001K05M020	2M [6FT 7 IN]	3	.20 [5.1]
1200651995	804001K05M250	25M [82FT]	4	.21 [5.3]
1200652460	805001K05M300	30M [98FT 5 IN]	5	.23 [5.8]

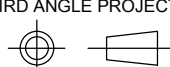


PART NO. MATRIX
803001K05M010

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 =0 =0 =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 #6 WAS TPE. MODIFIED TEMP RATING & PN CHART.			molex MICRO-CHANGE CORDSET, M12, 3-5 POLE, FEMALE 90 DEG, SINGLE KEY, #22AWG TPE HI-FLEX				
	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 INITIAL REVISION: DRWN: RSTONE 2018/10/25 APPR: BWOODMAN 2018/11/30							
		mm	INCH									
	4 PLACES		± ----	± ----								
	3 PLACES		± ----	± ----								
	2 PLACES		± ----	± ----								
	1 PLACE		± ----	± ----								
	0 PLACES		± ----	± ----								
ANGULAR TOL. ± ---- °				DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 120065		MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 1

molex

MICRO-CHANGE CORDSET, M12,
3-5 POLE, FEMALE 90 DEG, SINGLE KEY,
#22AWG TPE HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-120065-113 PSD 001 B