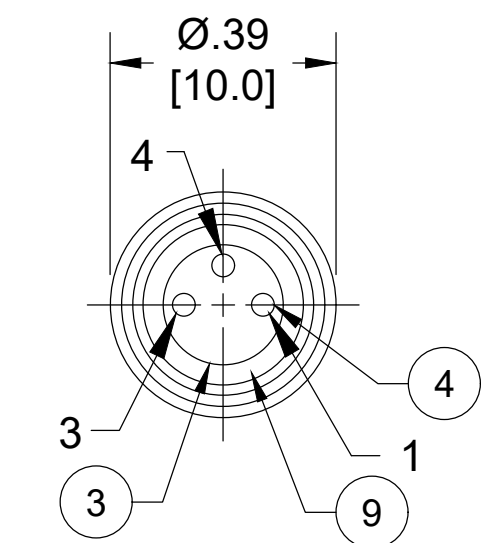


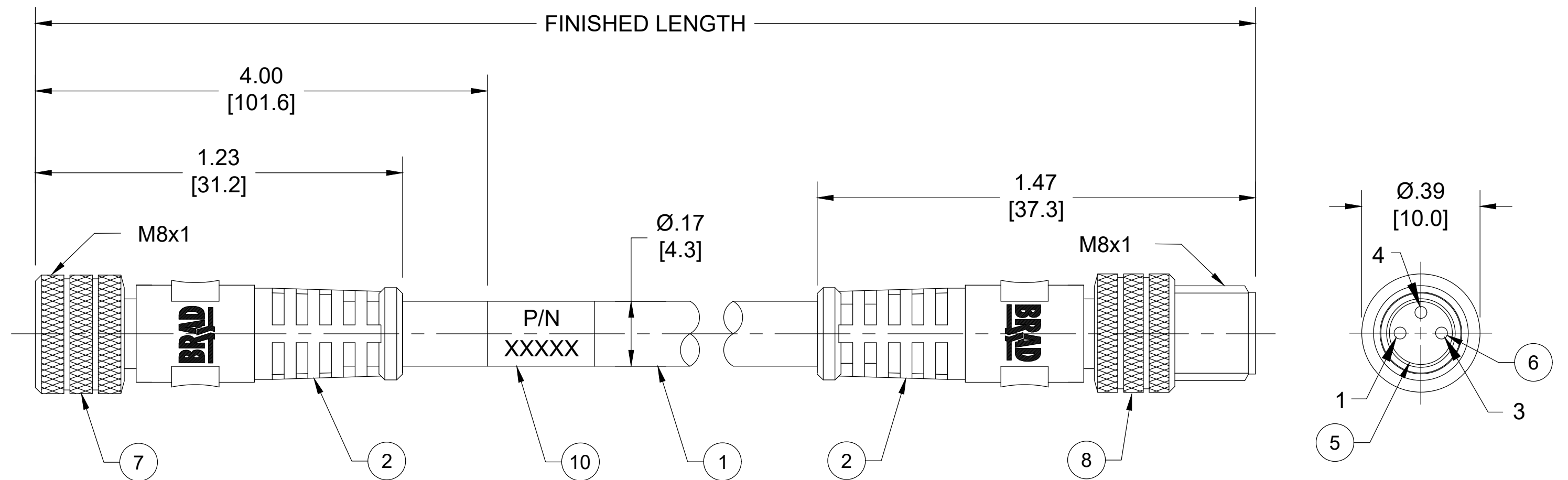
[illegible]

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE : 60 VAC / 75 VDC
CURRENT: 4A
4. TEMP RATING: -20° TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
7. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE



FEMALE FACE VIEW



MALE FACE VIEW

10	WRAP LABEL	VINYL	YELLOW	B
9	O-RING	VITON	RED	
8	MALE COUPLING NUT	BRASS	NICKEL PLATED	B
7	FEMALE COUPLING NUT	BRASS	NICKEL PLATED	B
6	PIN CONTACT	COPPER ALLOY	GOLD PLATED	B
5	MALE INSERT	PUR	BLACK	
4	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED	B
3	FEMALE INSERT	PUR	BLACK	
2	OVERMOLD	TPC	YELLOW	B
1	CABLE #24/3 AWG	PVC	YELLOW	
ITEM	COMPONENT	MATERIAL	FINISH	

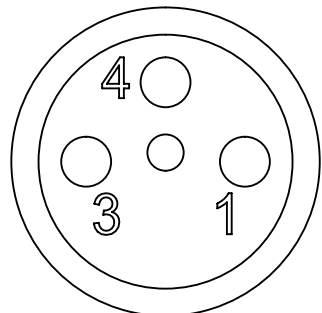
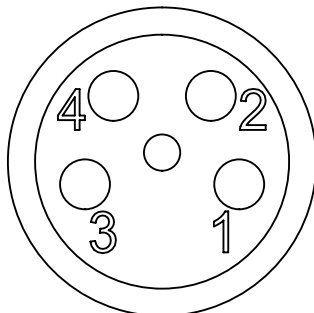
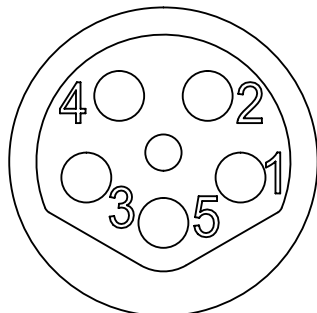
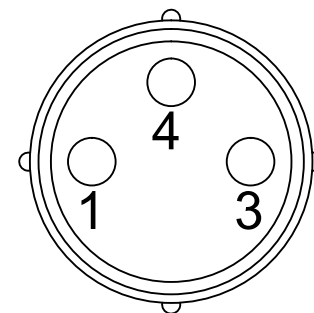
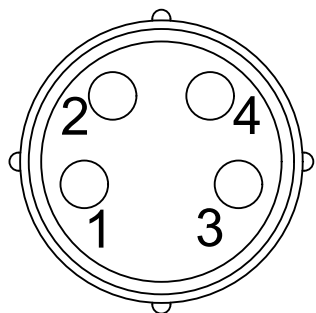
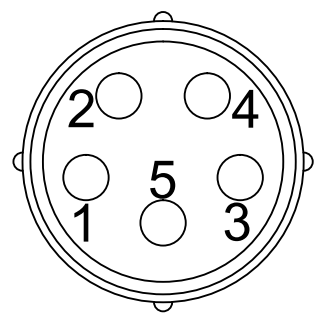
1	BROWN	1
3	BLUE	3
4	BLACK	4

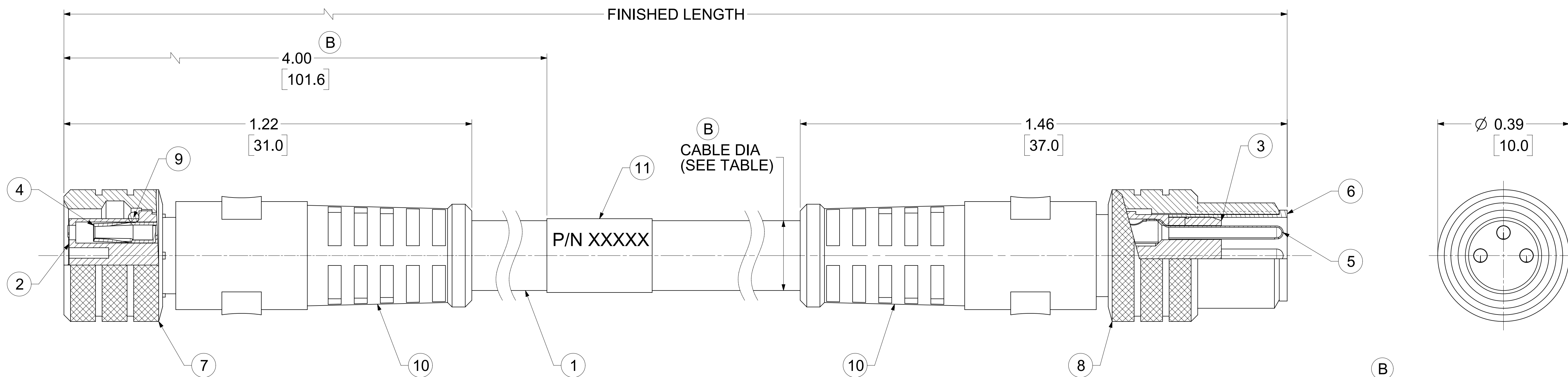
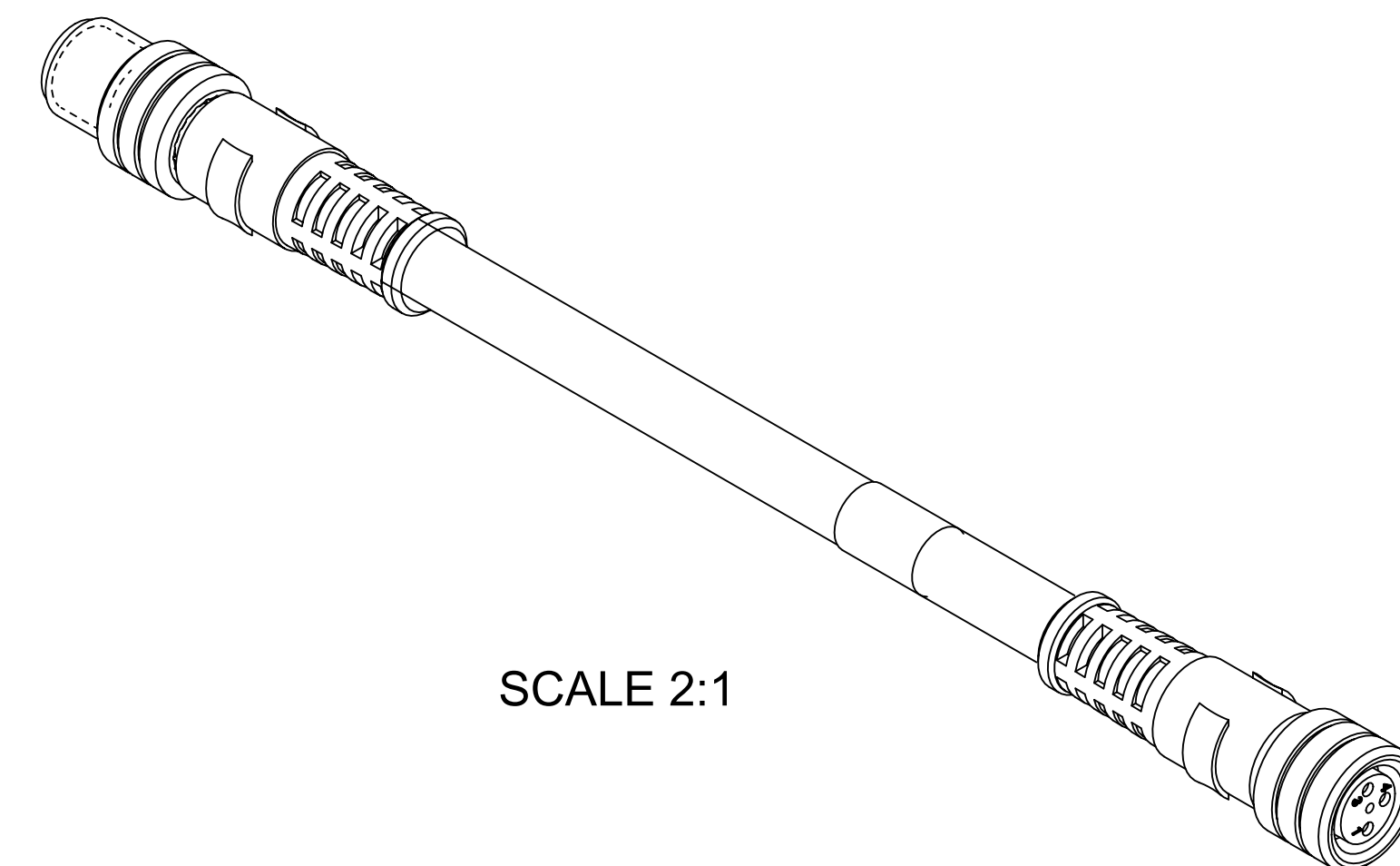
WIRING DIAGRAM

B

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: OVERMOLD WAS TPE. INSERTS WERE PBT. COUPLING NUT FINISH MODIFIED. ITEM-10 WAS MYLAR. ADDED PN LEGENG & TOL CHART. MODIFIED PN CHART			molex				
	INCH/MM		NTS									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							NANO-CHANGE CORDSET, M8 3 POLE, MALE-FEMALE, STRAIGHT, #24 AWG				
		mm	INCH									
	4 PLACES		±----	±----	EC NO: 800244			PRODUCT CUSTOMER DRAWING				
	3 PLACES		±----	±----	DRWN: ABENJAMINLW 2024/10/03							
	2 PLACES		±----	±----	CHK'D: PDODDAMANEMY 2024/10/04							
	1 PLACE		±----	±----	APPR: BWOODMAN 2024/10/04							
	0 PLACES		±----	±----	INITIAL REVISION:							
DIVISIONAL SYMBOLS	ANGULAR TOL ± ---- °				DRWN: BWOODMAN 2009/03/26			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
					APPR: JFMURPHY 2009/04/01			SD-120087-004		PSD	001	B
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
						C-SIZE	120087	SEE CHART	GENERAL MARKET		1 OF 1	

	20	19	18	17	16	
M	MATERIAL NO.		ENGINEERING NO.		FINISHED LENGTH	(B)
	1200870074		443030A10M010		1M [3 FT 3 IN]	
	1200870098		444030A10M050		5M [16 FT 5 IN]	
	1200871070		445030A10M160		16M [52 FT 5.9 IN]	

15	14	13	12	11	10	9	8
FEMALE INSERT FRONT VIEW				MALE INSERT FRONT VIEW			
3 POLE	4 POLE	5 POLE	3 POLE	4 POLE	5 POLE		
							
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY	1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY		



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
 - VOLTAGE: 60VAC/75VDC
 - CURRENT: 4A (3&4 POLE), 3A (5 POLE)
4. TEMP RATING: -20°C TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M8x1
7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

C	11	WRAP LABEL	VINYL	BLACK/YELLOW
	10	OVERMOLD	TPC	YELLOW
	9	GASKET	VITON	RED
	8	MALE COUPLING NUT	BRASS	NICKEL PLATED
	7	FEMALE COUPLING NUT	BRASS	NICKEL PLATED
B	6	MALE SLEEVE	BRASS	COPPER/NICKEL
	5	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
	4	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
	3	MALE INSERT	PUR	BLACK
	2	FEMALE INSERT	PUR	BLACK
A	1	CABLE, 3-5P, 24AWG, PVC	PVC JACKET	YELLOW
	ITEM	DESCRIPTION	MATERIAL	FINISH

POLES	CABLE DIA.
3	0.17
4	0.18
5	0.20

(B) 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 10 WAS TPE & MATERIAL TABLE. ADDED STD. NOTES, PART NUMBER LEGEND,TOL. TABLE, CABLE DIA. REMOVED 4&5 POLE INFO TO CREATE SEPARATE PSD.			molex			
	INCH/MM		6:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)							NANO-CHANGE CORDSET, M8 3-5 POLE, MALE-FEMALE, STRAIGHT, 24 AWG			
		MM	INCH								
	FA = 0	4 PLACES	±	±	EC NO: 701162	2021/09/23 2022/03/30 2022/04/08			PRODUCT CUSTOMER DRAWING		
	FC = 0	3 PLACES	±	±	DRWN: AKABADI						
	FE = 0	2 PLACES	±	±	CHK'D: RSTONE						
	DIVISIONAL SYMBOLS	1 PLACE	±	±	APPR: BWOODMAN	DOCUMENT NUMBER SD-120087-092			DOC TYPE	DOC PART	REVISION
		0 PLACES	±	±	INITIAL REVISION: DRWN: NKUMAR01				PSD	001	B
ANGULAR TOL		±	°	16/07/09	SHEET NUMBER						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING D-SIZE	SERIES 120087				CUSTOMER GENERAL MARKET		1 OF 1

PART NUMBER LEGEND

443030A10M050

3- 3 POLES
4- 4 POLES
5- 5 POLES

FINISHED LENGTH
M001 = .1 METER
M010 = 1 METER
M100 = 10 METER

A240= 24 INCHES
F001= .1 FT
F020= 2 FT
E200= 20 FT