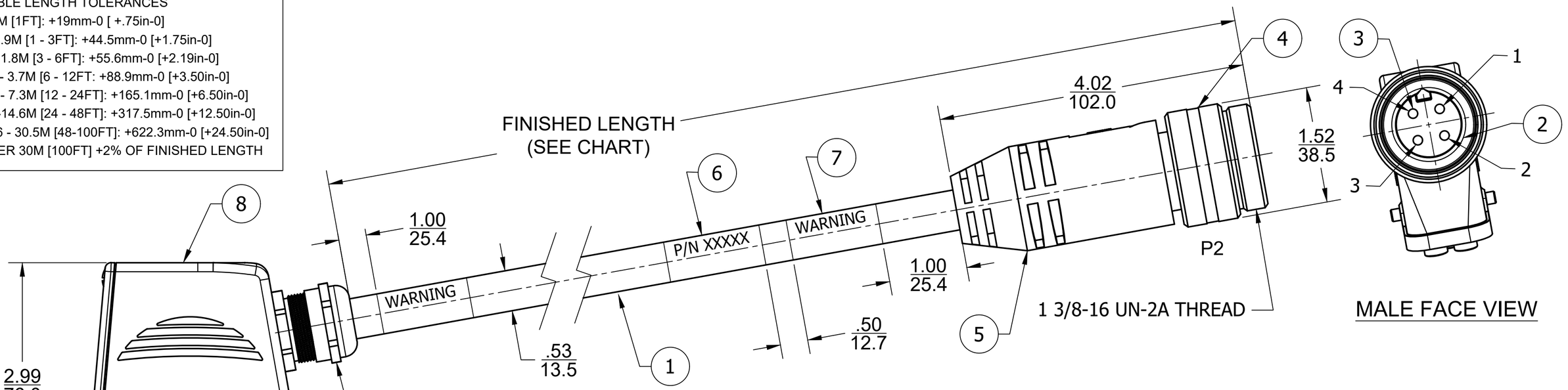
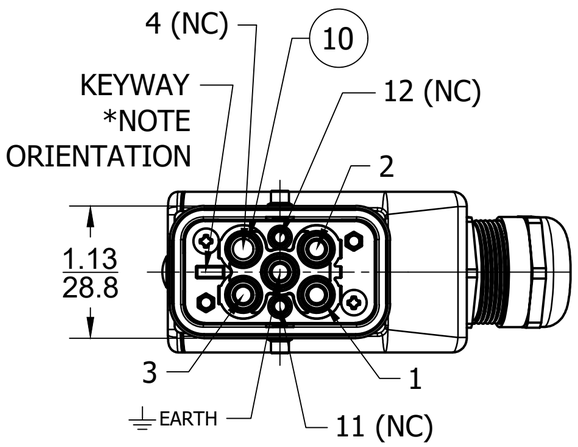
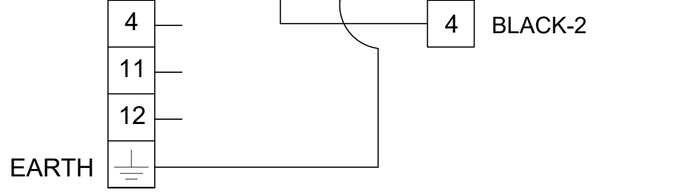
CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH





FEMALE FACE VIEW

WIRING DIAGRAM



NOTES:
1. MATERIALS: SEE TABLE
2. FINISHES: SEE TABLE
3. ELECTRICAL:
   VOLTAGE: 500V PER IEC60664
   600V PER UL2237
   CURRENT: 32A
4. TEMP RATING: -20° C TO +90° C
5. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH
11	METAL CABLE GLAND	BRASS	NICKEL PLATED
10	FEMALE CONTACT SOCKET	COPPER ALLOY	SILVER PLATED
9	INSERT, FEMALE	POLYCARBONATE	GREY
8	METAL GW CONNECT HOOD	DIE CAST ALUMINUM ALLOY	GREY
7	WARNING LABEL	VINYL	ORANGE/BLACK
6	WRAP LABEL	VINYL	BLACK/YELLOW
5	OVERMOLD	TPE	BLACK
4	COUPLING, MALE	ALUMINUM	CLEAR ANODIZE
3	MALE CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	INSERT, MALE	TPE	BLACK
1	CABLE, #10-4 TC-ER	TPE JACKET	BLACK

DOCUMENT STATUS: P1 | RELEASE DATE: 2026/03/27 23:02:57

PART NO. MATRIX

130249-0130-M010

LENGTH
M005 = .5 METER
M010 = 1 METER
M100 = 10 METER

CUSTOMER PRODUCTION APPROVAL
APPROVED BY:_____
DATE:_____
MUST BE SIGNED AND RETURNED BEFORE PRODUCTION WILL BEGIN.

RESTRICTED SALES DRAWING

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA=0, FC=0, FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----
ANGULAR TOL ±	---- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: DRAWING RE-ACTIVATION, PN TABLE REMOVED (SEE PN MATRIX FOR LENGTH), REMOVED DUPLICATED OVERMOLD SIDE

EC NO: 851412
DRWN: CARLOG18 2026/03/24
CHK'D: ROLANM 2026/03/25
APPR: HKNEELAND 2026/03/27

INITIAL REVISION:
DRWN: MZIELINS 2017/05/25
APPR: BWOODMAN 2017/06/14

molex

BRAD POWER CORDSET, 4-POLE
#10 MALE STR TO METAL S-QD 4/2 FEM 12:00KEY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130249-008	PSD	001	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	130249	SEE CHART	GENERAL MARKET	1 OF 1

FORMAT: IN:ACAD-tb-prod-C
REVISION: B
DATE: 2020/01/14