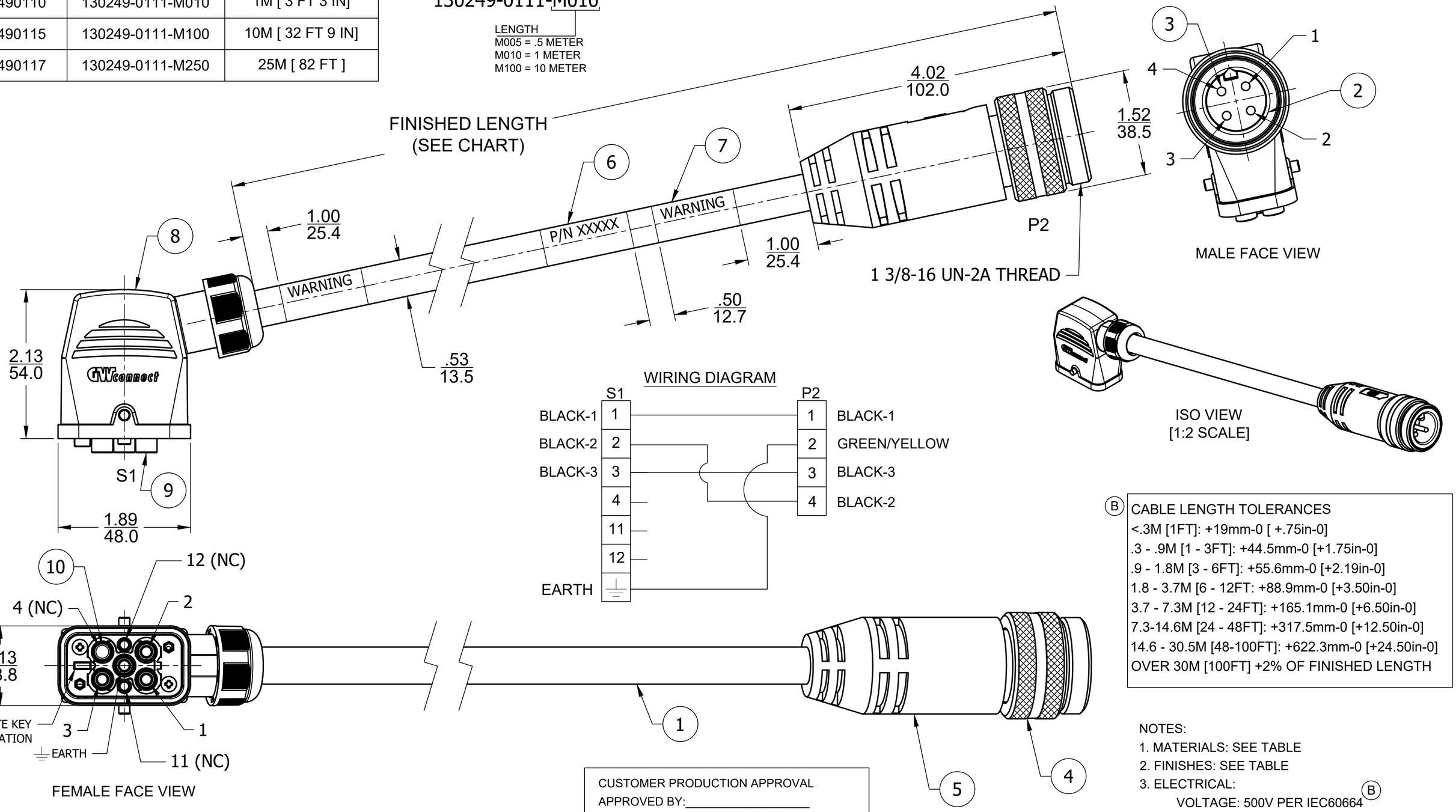
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1302490110	130249-0111-M010	1M [3 FT 3 IN]
1302490115	130249-0111-M100	10M [32 FT 9 IN]
1302490117	130249-0111-M250	25M [82 FT]

PART NO. MATRIX

130249-0111-M010

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



WIRING DIAGRAM

S1		P2	
BLACK-1	1	1	BLACK-1
BLACK-2	2	2	GREEN/YELLOW
BLACK-3	3	3	BLACK-3
	4	4	BLACK-2
	11		
	12		
EARTH	⏚		

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

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

RESTRICTED SALES DRAWING

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

ITEM	DESCRIPTION	MATERIAL	FINISH	
10	FEMALE CONTACT SOCKET	COPPER ALLOY	SILVER PLATED	
9	INSERT, FEMALE	POLYCARBONATE	GREY	
8	HOOD AND GLAND ASSEMBLY	POLYAMIDE	BLACK	
7	WARNING LABEL	VINYL	ORANGE/BLACK	
6	WRAP LABEL	VINYL	BLACK/YELLOW	
5	OVERMOLD	TPE	BLACK	(B)
4	COUPLING, MALE	ALUMINUM	CLEAR ANODIZE	
3	MALE CONTACT PIN	COPPER ALLOY	GOLD PLATED	
2	INSERT, MALE	TPE	BLACK	(B)
1	CABLE, #10-4 TC-ER	TPE JACKET	BLACK	

DOCUMENT STATUS: P1 | RELEASE DATE: 2021/05/19 23:56:27

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: ITEM# 2 & 5 WERE PVC. ADDED TOL CHART & TEMP RATING. MODIFIED MATERIAL TABLE. ADDED IEC VOLTAGE

EC NO: 664420
DRWN: ABENJAMINLW 2020/11/02
CHK'D: RSTONE 2021/05/19
APPR: BWOODMAN 2021/05/19

INITIAL REVISION:
DRWN: MZIELINS 2016/07/26
APPR: BWOODMAN 2016/09/12

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130249

molex

BRAD POWER CORDSET, 4-POLE
MALE STRAIGHT TO S-QD 4/2 FEMALE 12KEY
#10 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130249-004	PSD	001	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

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