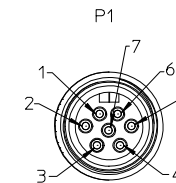
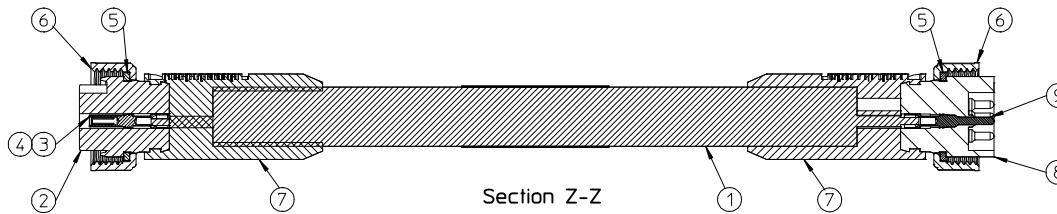
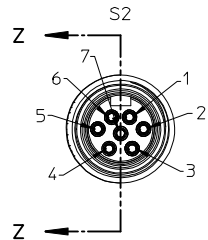
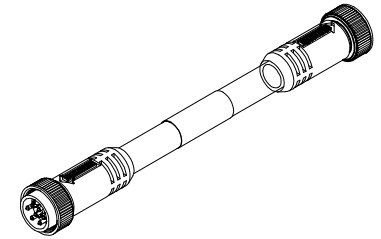
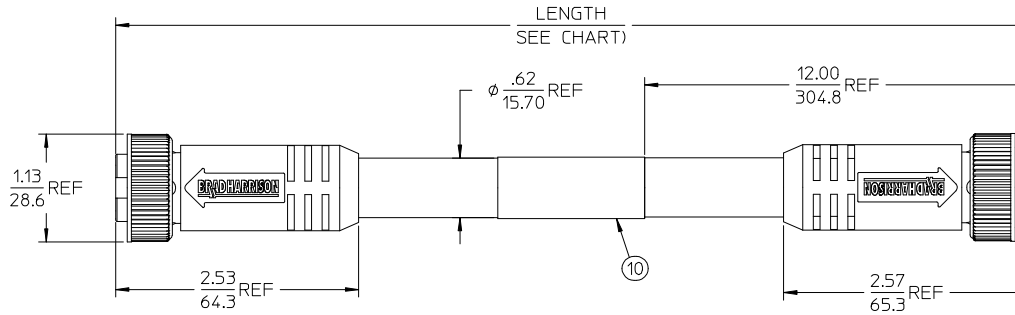


PART NUMBER	ENGINEERING NO.	LENGTH
1300110051	227020A01F060	6' 0" +2.19 - 0 [ 1.8M +55.6 - 0 ]
1300110055	227020A01F120	12' 0" +3.50 - 0 [ 3.7M +88.9 - 0 ]
1300110057	227020A01F200	20' 0" +6.50 - 0 [ 6.1M +165.1 - 0 ]



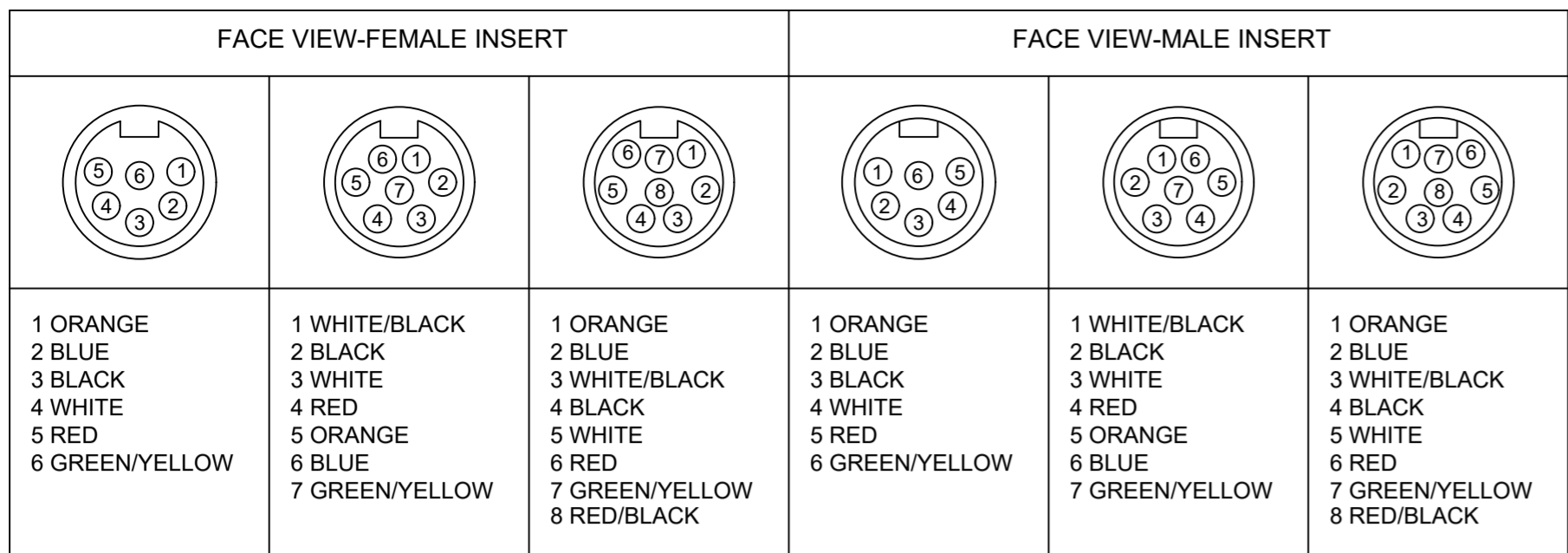
- NOTES:
- MATERIAL: SEE TABLE
  - FINISHES: SEE TABLE
  - CABLE ASSEMBLIES ARE BAGGED SEPERATELY IN POLY BAGS WITH BARCODE LABEL ATTACHED TO OUTSIDE OF BAG
  - WRAP LABEL IS MARKED WITH P/N, DATE CODE VOLTAGE & AMPERAGE
  - MATES WITH: MINI CHANGE, C-SIZE 7 POLE RECEPTACLE
  - ELECTRICAL SPECIFICATIONS:  
VOLTAGE RATING: 600V  
CURRENT RATING: 8 AMPS
  - ASSEMBLY IS RoHS COMPLIANT

S2		P1
1	WHITE/BLACK	1
2	BLACK	2
3	WHITE	3
4	RED	4
5	ORANGE	5
6	BLUE	6
7	GREEN/YELLOW-GND	7

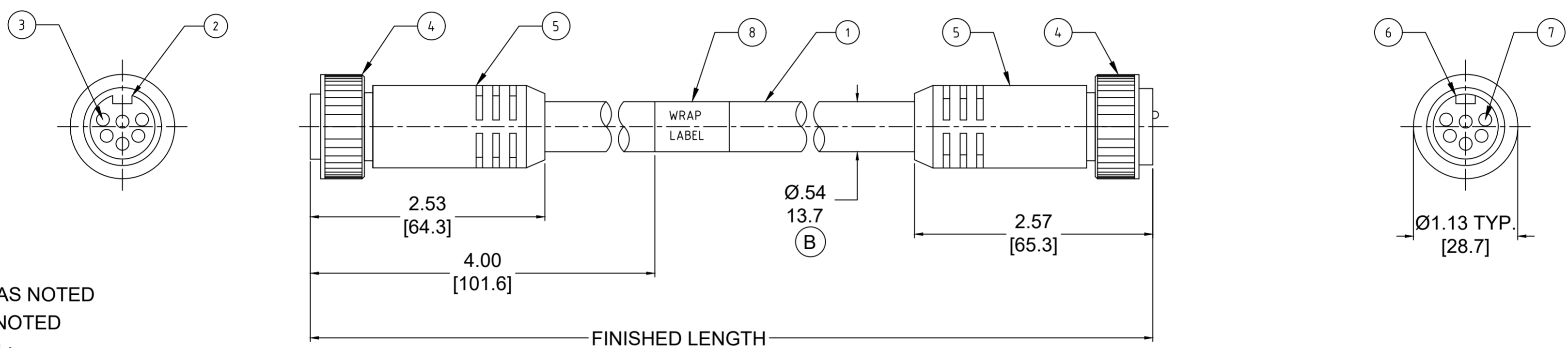
WIRING DIAGRAM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
10	1	LABEL	PLASTIC FILM	BLACK/YELLOW
9	7	PIN CONTACT	BRASS	GOLD PLATED
8	1	INSERT, MALE, 7 POLE	PVC	YELLOW
7	2	OVERMOLD	PVC	YELLOW
6	2	COUPLING NUT	ZINC DIE CAST	BLACK
5	2	FRICION RING	NYLON	NATURAL
4	7	SOCKET CONTACT	BRASS	GOLD PLATED
3	7	SOCKET SLEEVE	STAINLESS STEEL	
2	1	INSERT, FEMALE, 7 POLE	PVC	YELLOW
1	1	CABLE, 16-7 ST00W/ST	PVC JACKET	YELLOW

RELEASED EC NO: MNA2009-0813 DRAWN: BRUPERT 2009/06/09 CHKD: BRUPERT APPR: J. MURPHY 2009/06/10	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																	
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES ±</td> <td>---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES ±</td> <td>---</td> <td>± .01</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.3</td> <td>± ---</td> </tr> </tbody> </table>			mm	INCH	4 PLACES ±	---	± ---	3 PLACES ±	---	± ---	2 PLACES ±	---	± .01	1 PLACE ±	0.3	± ---	DRAWN BY BRUPERT		DATE 2009/04/06	TITLE MINI-CHANGE CORD ASSY MALE/FEMALE, B-SIZE 7 POLE			
			mm	INCH																					
		4 PLACES ±	---	± ---																					
3 PLACES ±	---	± ---																							
2 PLACES ±	---	± .01																							
1 PLACE ±	0.3	± ---																							
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY J. MURPHY		DATE 2009/04/06	MOLEX INCORPORATED DOCUMENT NO. SD-130011-002																				
A		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SHEET NO. 1 OF 1																	



PART NO	ENGINEERING NO.	FINISHED LENGTH
1300110008	226020A01F030	3FT [ 0.9M ]
1300110082	227020A01M300	30M [ 98FT 5 IN ]
1300110158	228020A01M600	60M [ 196FT 10 IN ]



- NOTES:
- MATERIAL: AS NOTED
  - FINISH: AS NOTED
  - ELECTRICAL:  
6 POLE: VOLTAGE: 400V PER IEC60664  
600V PER UL2238  
CURRENT: 8A  
7 POLE: VOLTAGE: 320V PER IEC60664  
600V PER UL2238  
CURRENT: 8A  
8 POLE: VOLTAGE: 320V PER IEC60664  
600V PER UL2238  
CURRENT: 7A
  - TEMP RATING: -20°TO +105°C
  - PROTECTION: IP67 (WHEN MATED)
  - COUPLING THREAD: 1"-16 UN
  - UL RECOGNIZED FILE: E152210  
CSA CERTIFIED FILE: LR6837 (B)
  - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

**PART NO. MATRIX**  
**227020A01M010**  
 POLES (6,7,8)      FINISHED LENGTH:  
 M005= 0.5 METER  
 M010= 1 METER  
 M100= 10 METER  
 F010= 1 FOOT  
 F100= 10 FEET

**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

8	WRAP LABEL	VINYL	BLACK/YELLOW
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	TPE	YELLOW
5	OVERMOLD	TPE	YELLOW
4	COUPLING	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, 16AWG, TPE,STOOW	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

PRE-RELEASE  
REFERENCE  
USE ONLY

FUNCTIONAL SYMBOLS: FA=0, EC=0, EP=0

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:
INCH/MM	NTS	ITEM# 2, 5 & 6 WERE PVC. ADDED "CSA" IN NOTES. ADDED CABLE DIA. MODIFIED MATERIAL TABLE
GENERAL TOLERANCES (UNLESS SPECIFIED)		
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----
ANGULAR TOL ± 0.5 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

EC NO: 643513  
 DRWN: ABENJAMINLW 2020/07/29  
 CHK'D: RSTONE 2020/08/28  
 APPR: ----

INITIAL REVISION:  
 DRWN: RSTONE 2016/11/30  
 APPR: BWOODMAN 2016/12/20

THIRD ANGLE PROJECTION

DRAWING: C-SIZE  
 SERIES: 139990  
 MATERIAL NUMBER: SEE CHART  
 CUSTOMER: GENERAL MARKET  
 SHEET NUMBER: 1 OF 1

DOCUMENT NUMBER: SD-130011-006  
 DOC TYPE/DOC PART/REVISION: PSD 001 B

**molex**  
 MINI-CHANGE CORDSET, B-SIZE,  
 6-8 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY,  
 16 AWG  
 PRODUCT CUSTOMER DRAWING