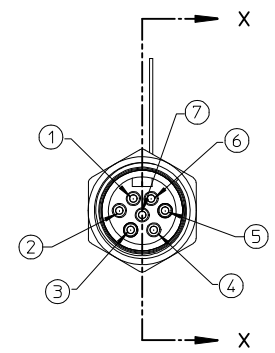
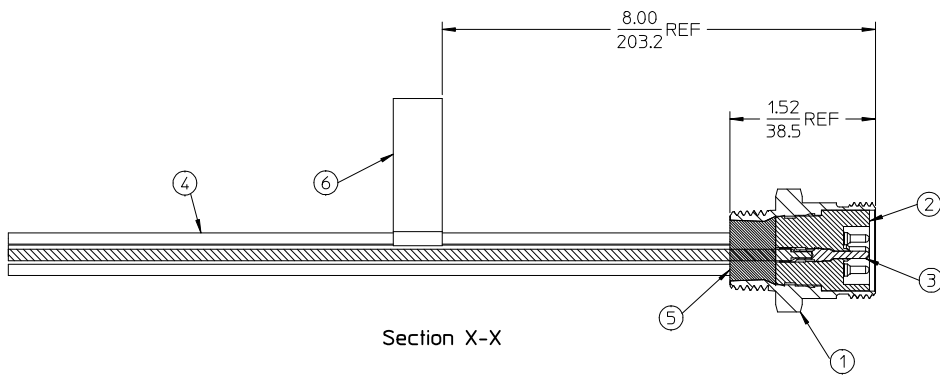
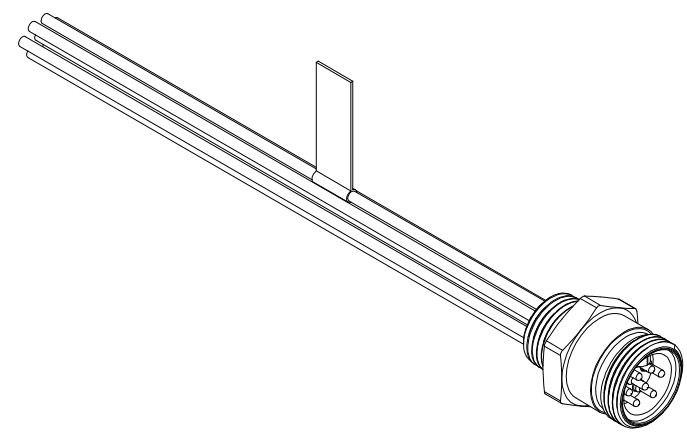
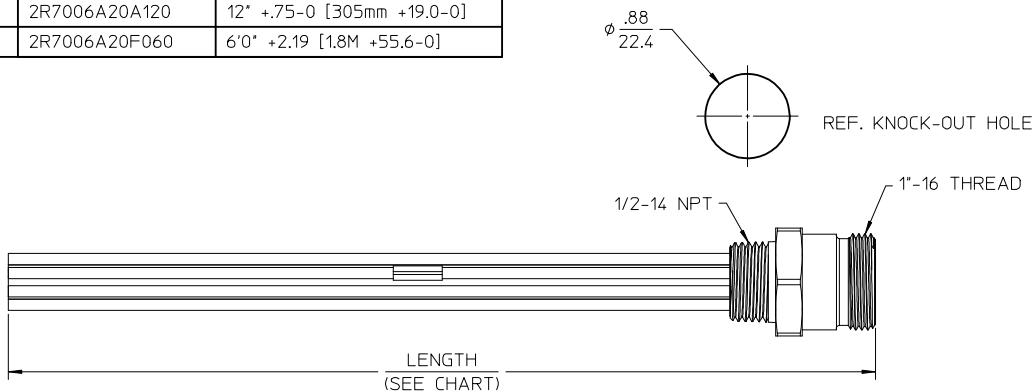


MATERIAL NO.	ENGINEERING NO.	LENGTH
1300140050	2R7006A20A120	12' +.75-0 [305mm +19.0-0]
1300140055	2R7006A20F060	6'0" +2.19 [1.8M +55.6-0]



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

NOTES:
1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. MATES WITH: 7/C MINI-CHANGE CORD ASSY.
4. ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 600V AC/DC
CURRENT RATING: 8 AMPS
5. RoHS COMPLIANT

6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	1	POTTING	EPOXY	
4	7	WIRE, 16 AWG (UL 1015)	PVC INSULATED	SEE WIRE DIAGRAM
3	7	CONTACT PIN	BRASS	GOLD PLATED
2	1	INSERT	PVC	YELLOW
1	1	RECEPTACLE SHELL	ZINC ALLOY	E-COAT, BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

RELEASED
EC NO: WNA2009-0813
DRAWN: RUPERT
CHKD: BRUPERT
APPR: J. MURPHY

2009/06/09
2009/06/10

DESCRIPTION

REV

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± .01
1 PLACE ± 0.3 ± ---
ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY
B. RUPERT

CHECKED BY
B. WOODMAN

APPROVED BY
J. MURPHY

MATERIAL NO.
SEE CHART

SIZE
C

DATE
06/05/2009

DATE
06/05/2009

DATE
06/05/2009

SCALE
1:1

DESIGN UNITS
INCH

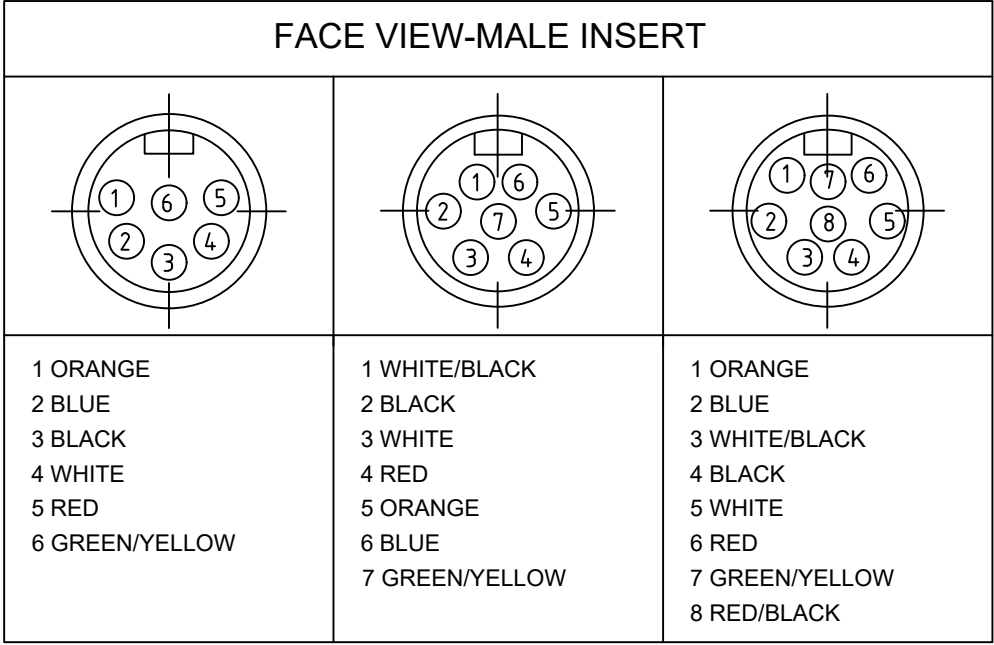
THIRD ANGLE PROJECTION

TITLE
MINI-CHANGE RECEPTACLE
MALE, 7 POLE
1/2 IN NPT

MOLEX INCORPORATED

DOCUMENT NO.
SD-130014-004

SHEET NO.
1 OF 1



PART NO. MATRIX

2R7006A20M010

POLES
6-8

FINISHED LENGTH:
A120= 12 IN.
F060= 6 FEET
F120= 12 FEET

M005= 0.5 METER
M010= 1 METER
M100= 10 METER

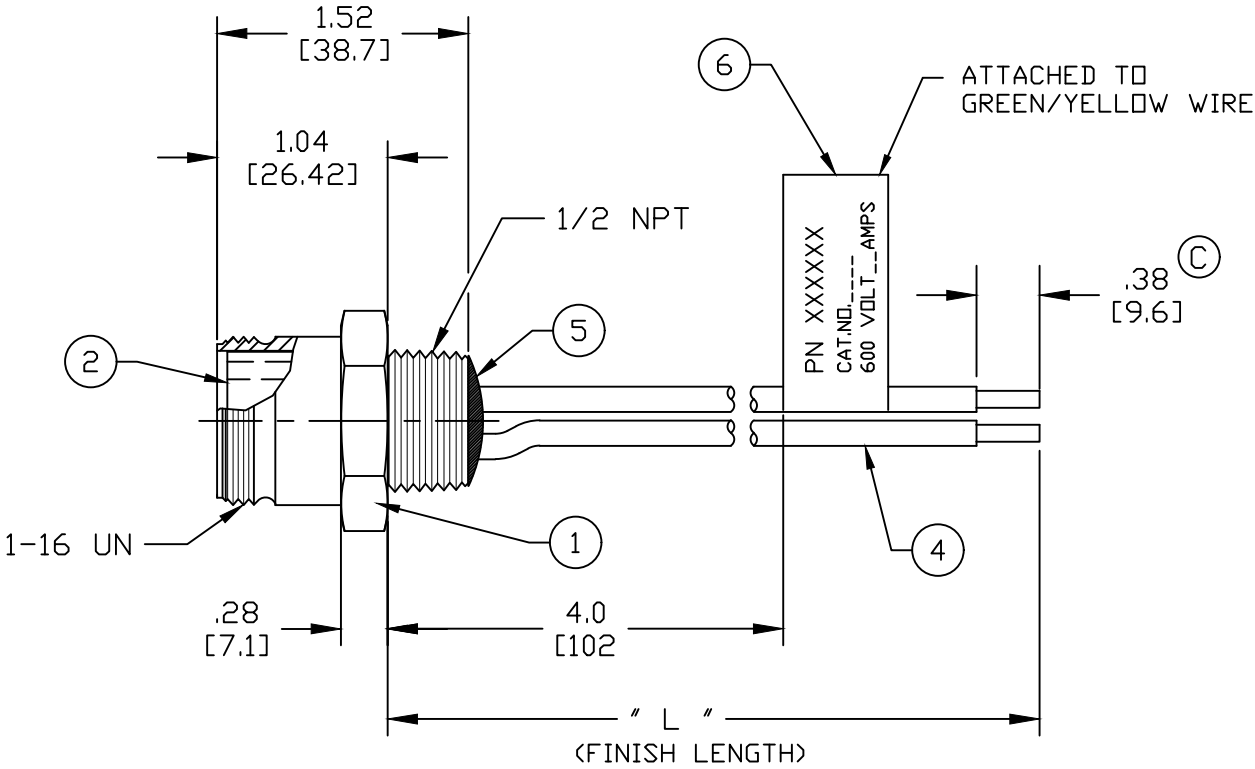
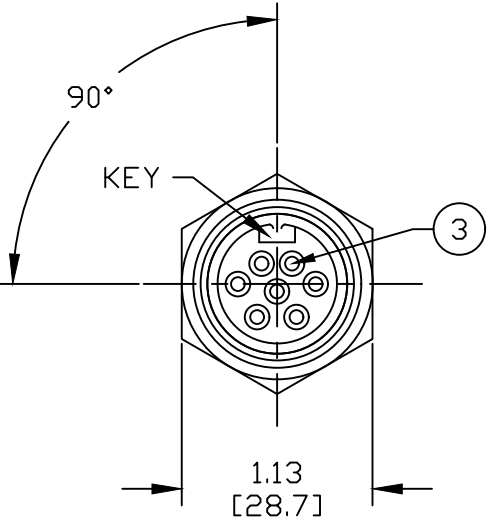
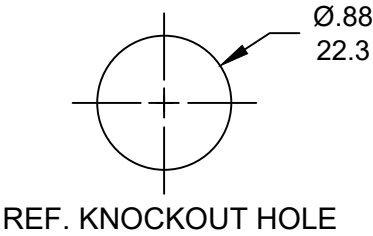
Ⓒ

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

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 6 THRU 8P 600V PER UL 2238
6P 400V PER IEC 60664
7 & 8P 320V PER IEC 60664
CURRENT: 6 & 7 POLE: 8A
8 POLE: 7A
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



6	LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE, 16 AWG UL (1015)	PVC INSULATION	SEE FACE VIEW
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	INSERT	TPE	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300140025	2R6006A20A120	12 IN [0.3M]
1300140149	2R7006A20F300	30 FT [9.1M]
1300140058	2R7006A20M005	0.5M [1.6 FT]

FUNCTIONAL SYMBOLS F A =0 F C =0 F P =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: ADDED .38 WIRE STRIP, CORRECT CABLE LENGTH TOL. BLOCK, UPDATE BORDER			molex				
	INCH/MM		1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 721990 DRWN: RSTONE 2022/09/19 CHK'D: ALEON01 2022/09/23 APPR: BWOODMAN 2022/09/23			MINI-CHANGE RECEPTACLE, B-SIZE, 6 TO 8 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG				
		mm	INCH									
	4 PLACES	± ----	± ----									
	3 PLACES	± ----	± ----									
	2 PLACES	± ----	± ----									
	1 PLACE	± ----	± ----		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING				
	0 PLACES	± ----	± ----									
ANGULAR TOL. ± ---- °				APPR: BWOODMAN 2017/01/16			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						B-SIZE	130014			GENERAL MARKET		1 OF 1