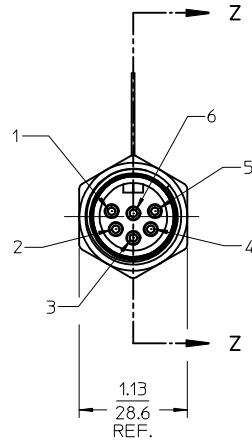
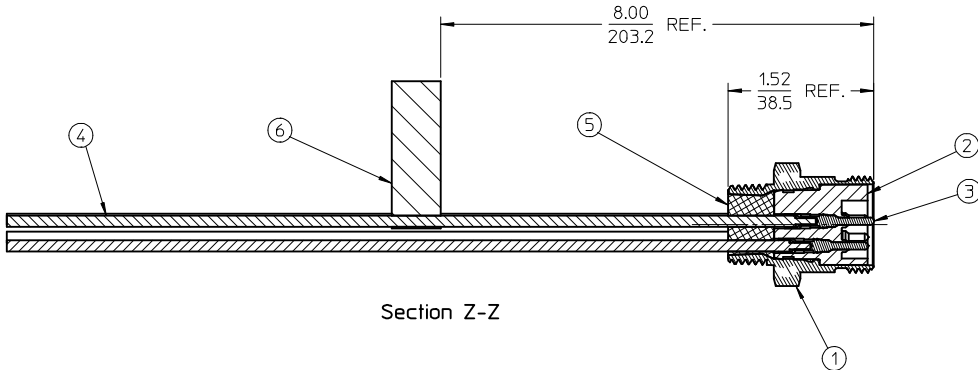
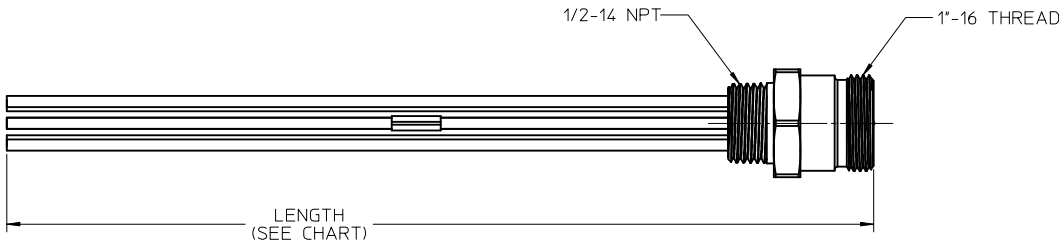
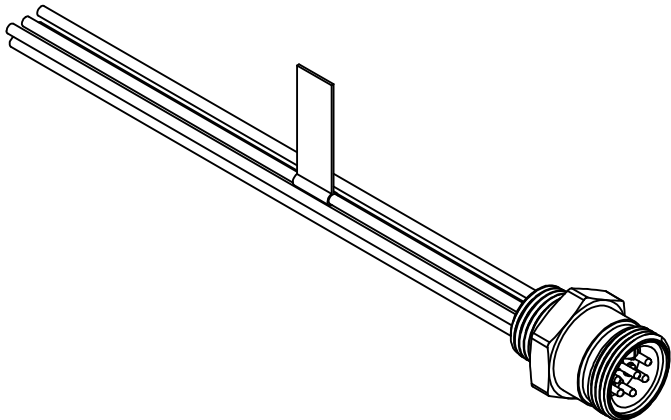
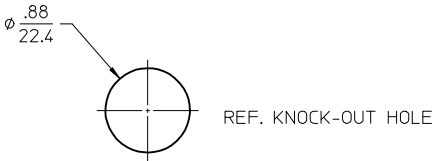


MATERIAL NO.	ENGINEERING NO.	LENGTH
1300140025	2R6006A20A120	12' +.75-0 [305mm +19.0-0]
1300140029	2R6006A20F030	3'0" +1.75-0 [.9M +44.5-0]
1300140032	2R6006A20F060	6'0" +2.19-0 [1.8M +55.6-0]



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

- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISHES: SEE TABLE
 3. MATES WITH: 6/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	6	WIRE, 16 AWG (UL 1015)	PVC INSULATED	SEE WIRE DIAGRAM
3	6	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: WNA2009-0655	DRWN:RSTONE	2009/04/03
		CHKD:B. WOODMAN	
		APPR:J. MURPHY	2009/04/08
REV	DESCRIPTION	DATE	BY
A			

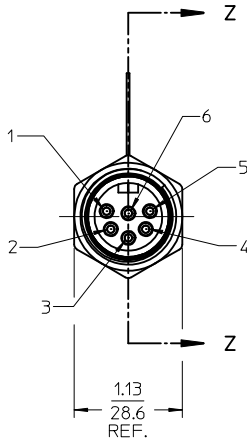
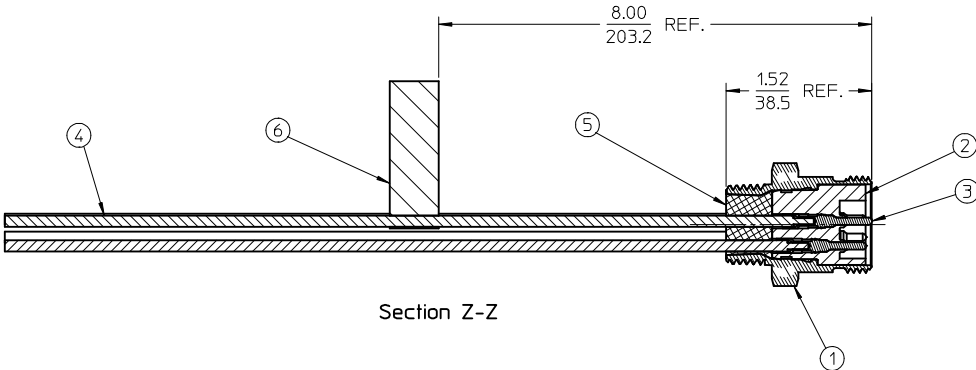
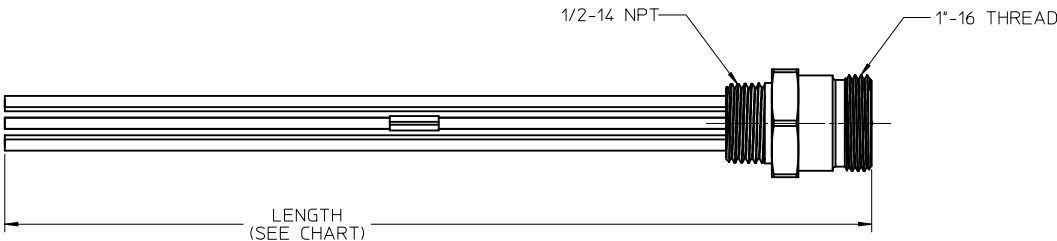
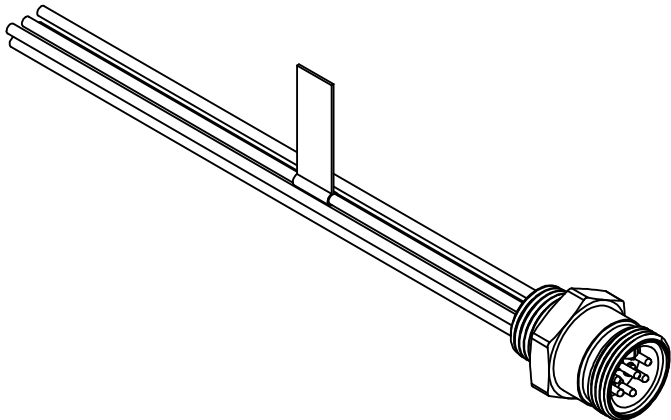
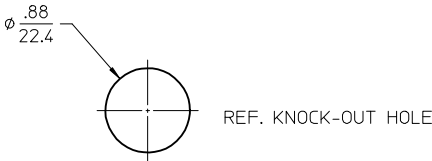
QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± .005 ± .005
3 PLACES ± .005 ± .005
2 PLACES ± .005 ± .01
1 PLACE ± .005 ± .01
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
IN/MM	1:1	INCH	
DRAWN BY	DATE	TITLE	
R. STONE	2009/04/03	MINI-CHANGE RECEPTACLE MALE, 6 POLE 1/2 IN NPT	
CHECKED BY	DATE		
B. WOODMAN	2009/04/03		
APPROVED BY	DATE		
J. MURPHY	2009/04/07		
MATERIAL NO.			
SEE CHART			
SIZE			
C			

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	INCH	
DRAWN BY	DATE	TITLE
R. STONE	2009/04/03	MINI-CHANGE RECEPTACLE MALE, 6 POLE 1/2 IN NPT
CHECKED BY	DATE	
B. WOODMAN	2009/04/03	
APPROVED BY	DATE	
J. MURPHY	2009/04/07	
MATERIAL NO.		
SEE CHART		
SIZE		
C		

MATERIAL NO.	ENGINEERING NO.	LENGTH
1300140025	2R6006A20A120	12' +.75-0 [305mm +19.0-0]
1300140029	2R6006A20F030	3'0" +1.75-0 [.9M +44.5-0]
1300140032	2R6006A20F060	6'0" +2.19-0 [1.8M +55.6-0]



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

- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISHES: SEE TABLE
 3. MATES WITH: 6/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	6	WIRE, 16 AWG (UL 1015)	PVC INSULATED	SEE WIRE DIAGRAM
3	6	CONTACT PIN	BRASS	GOLD PLATED
2	1	INSERT	PVC	YELLOW
1	1	RECEPTACLE SHELL	ZINC ALLOY	E-COAT, BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

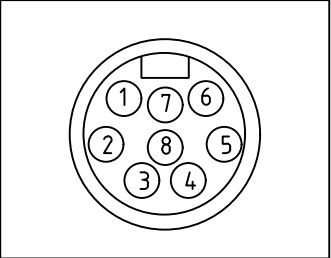
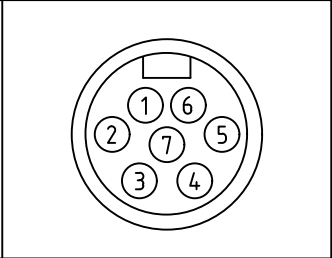
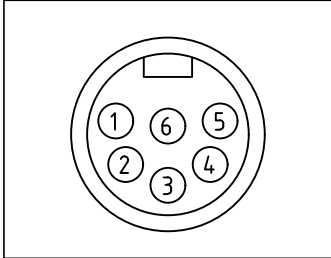
RELEASED		EC NO: WNA2009-0655		2009/04/03	
A		DRWN:RSTONE		2009/04/03	
		CHKD:B. WOODMAN			
		APPR:JFMURPHY		2009/04/08	
REV	DESCRIPTION				
	QUALITY SYMBOLS				
	 =0				
	 =0				

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	
▽=0	
	4 PLACES ± --- ± ---
	3 PLACES ± --- ± ---
	2 PLACES ± --- ± .01
	1 PLACE ± 0.3 ± ---
	ANGULAR ± 1/2°
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS
IN/MM	1:1	INCH
DRAWN BY	DATE	
R. STONE	2009/04/03	
CHECKED BY	DATE	
B. WOODMAN	2009/04/03	
APPROVED BY	DATE	
J. MURPHY	2009/04/07	
MATERIAL NO.		
SEE CHART		
SIZE		
C		

TITLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MINI-CHANGE RECEPTACLE MALE, 6 POLE 1/2 IN NPT	1:1	INCH	
MOLEX INCORPORATED			
DOCUMENT NO.			
SD-130014-001			
SHEET NO.			
1 OF 1			

FACE VIEW-MALE INSERT



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

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

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

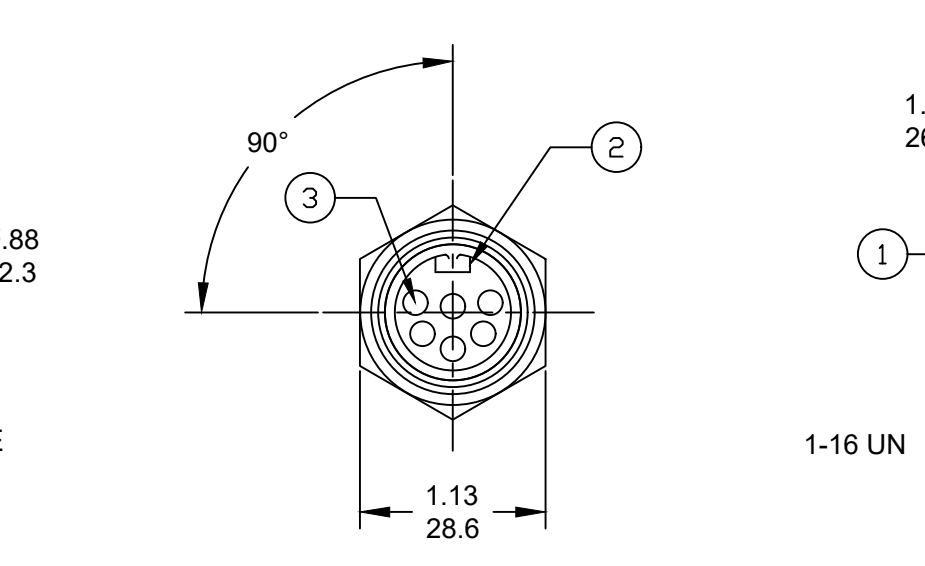
NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 6 THRU 8P 600V PER UL 2238

REF. KNOCKOUT HOLE

A technical drawing of a circular knockout hole. It consists of a circle with a center crosshair. A leader line with an arrow points from the text 'REF. KNOCKOUT HOLE' to the circle. To the right of the circle, there is a dimension line with the text 'Ø 2' above it.

- 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 (B)
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS



PART NO. MATRIX

PART NO. MATRIX

2R7006A20M010

↑ ↑

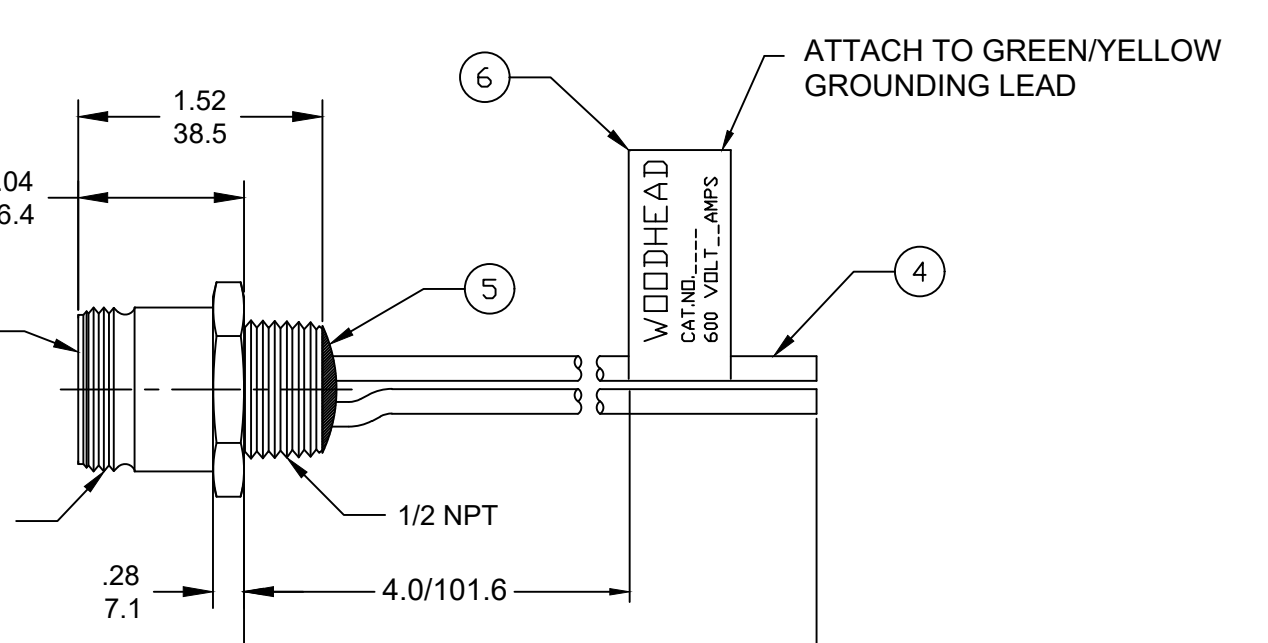
POLES 6-8	FINISHED LENGTH: A120= 12 IN. F060= 6 FEET F120= 12 FEET
--------------	---

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

M100- 10 METER	
1	100-1000
2	100-1000
3	100-1000
4	100-1000
5	100-1000
6	100-1000
7	100-1000
8	100-1000
9	100-1000
10	100-1000
11	100-1000
12	100-1000
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100	100-1000

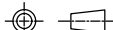
CABLE LENGTH TOLERANCES

>.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



B	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]

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
DOCUMENT STATUS	P1	RELEASE DATE	2020/07/06 13:31:29	

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 #2 WAS PVC, ADDED CSA IN NOTES & MODIFIED MATERIAL TABLE					molex									
	INCH/MM		---																
	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
F A =0	mm		INCH		EC NO: 640359					MINI-CHANGE RECEPTACLE, B-SIZE, 6 TO 8 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG									
F A =0	4 PLACES		±----		±----		DRWN: ABENJAMINLW 2020/05/18												
F P =0	3 PLACES		±----		±----		CHK'D: RSTONE 2020/06/26												
DIVISIONAL SYMBOLS	2 PLACES		±----		±----		APPR: BWOODMAN 2020/07/06												
	1 PLACE		±----		±----		INITIAL REVISION:					PRODUCT CUSTOMER DRAWING							
	0 PLACES		±----		±----		DRWN: RSTONE 2016/12/07												
	ANGULAR TOL		±		0.5 °		APPR: BWOODMAN 2017/01/16												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER			CUSTOMER			SHEET NUMBER		
							B-SIZE		130014		SEE_CHART			GENERAL MARKET			1 OF 1		