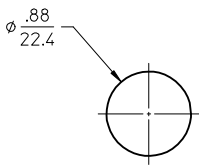


MATERIAL NO.	ENGINEERING NO.	LENGTH
1300150076	3R2006A20A120	12' +.75-0 [305mm +19.0-0]
1300150082	3R2006A20F060	6'0" +2.19-0 [1.8M +55.6-0]



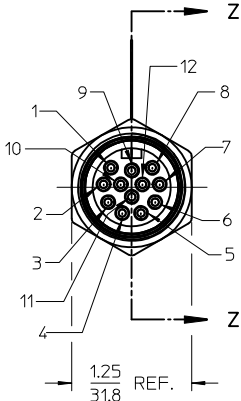
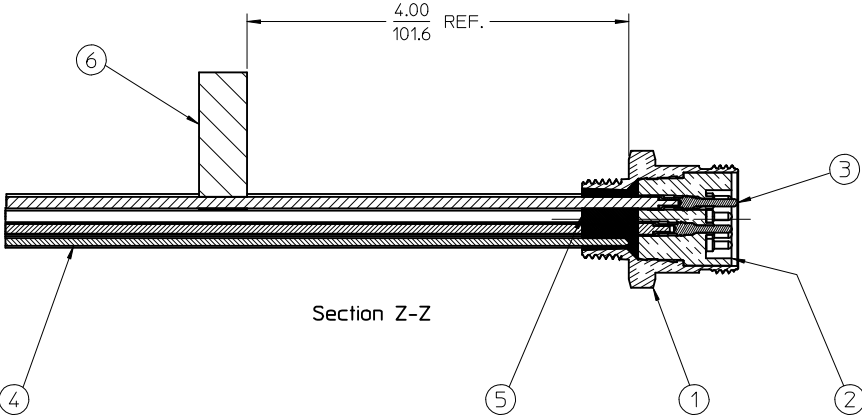
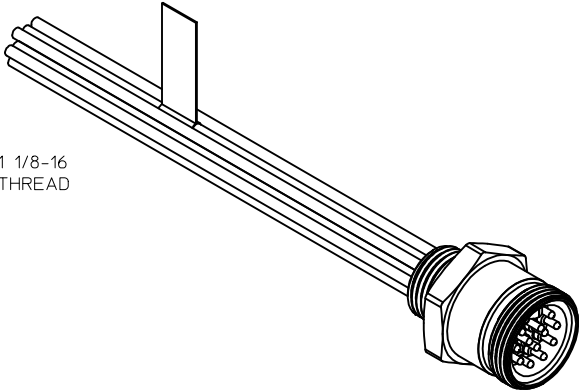
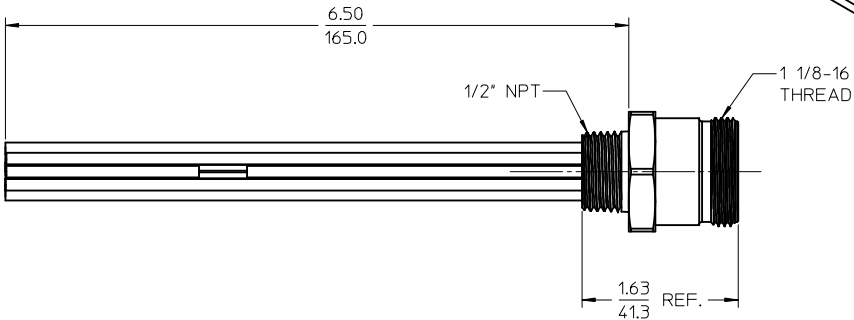
REF. KNOCK-OUT HOLE

- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISHES: SEE TABLE
 3. MATES WITH: NONE
 4. ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 600V AC/DC
CURRENT RATING: 5 AMPS
 5. RoHS COMPLIANT

1	ORANGE
2	BLUE
3	WHITE-BLACK
4	RED-BLACK
5	GREEN-BLACK
6	ORANGE-BLACK
7	BLUE-BLACK
8	BLACK-WHITE
9	GREEN-YELLOW
10	RED
11	WHITE
12	BLACK

WIRING DIAGRAM

6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	1	POTTING	EPOXY	
4	12	WIRE, 16 AWG (UL 1015)	PVC INSULATED	SEE WIRE DIAGRAM
3	12	CONTACT PIN	BRASS	GOLD PLATED
2	1	INSERT	PVC	YELLOW
1	1	RECEPCTACLE SHELL	ZINC ALLOY	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH



RELEASED EC NO: WNA2010-0101 DRWN:RSTONE 2009/08/17 CHKD:B.WOODMAN APPR:J.MURPHY 2009/08/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																	
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>2 PLACES</td> <td>± .01</td> <td>± .001</td> </tr> <tr> <td>1 PLACE</td> <td>± .03</td> <td>± .001</td> </tr> </table>			mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .005	± .0005	2 PLACES	± .01	± .001	1 PLACE	± .03	± .001	DRAWN BY R.STONE		DATE 2009/08/14	MC RECEPTACLE, MALE 12 POLE, 1/2" NPT			
			mm	INCH																					
		4 PLACES	± .005	± .0005																					
		3 PLACES	± .005	± .0005																					
2 PLACES	± .01	± .001																							
1 PLACE	± .03	± .001																							
ANGULAR ±1/2°		CHECKED BY B.WOODMAN		DATE 2009/08/17																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY J.MURPHY		DATE 2009/08/20	MOLEX MOLEX INCORPORATED																				
MATERIAL NO. SEE CHART		DOCUMENT NO. SD-130015-006								SHEET NO. 1 OF 1															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									

FACE VIEW-MALE INSERT		
1 ORANGE 2 BLUE 3 RED/BLACK 4 GREEN/BLACK 5 WHITE 6 RED 7 GREEN/YELLOW 8 WHITE/BLACK 9 BLACK	1 ORANGE 2 BLUE 3 WHITE/BLACK 4 RED/BLACK 5 GREEN/BLACK 6 ORANGE/BLACK 7 RED 8 GREEN/YELLOW 9 BLACK 10 WHITE	1 ORANGE 2 BLUE 3 WHITE/BLACK 4 RED/BLACK 5 GREEN/BLACK 6 ORANGE/BLACK 7 BLUE/BLACK 8 BLACK/WHITE 9 GREEN/YELLOW 10 RED 11 WHITE 12 BLACK

1.25
[31.8]

1 1/8-16 UN

1.14
[29.0]

4.0
[102]

1.63 REF.
[41.4]

1/2-14 NPT

(C) .38 REF
[9.7]

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300150137	3R9006A20A120	12 IN [0.3M]
1300150051	3R1006A20F120	12 FT [3.6M]
1300150091	3R2006A20M050	5.0M [16 FT 5 IN]

NOTES:
 1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED

Ø.88 [22.3]

PART NO. MATRIX
 3R1006A20F010

POLES

LENGTH:
 A120= 12 INCHES
 F001= 1.5 FT

3. ELECTRICAL: VOLTAGE: 320V PER IEC60664 600V PER UL2238 CURRENT: 9 POLE: 7A 10 POLE: 7A 12 POLE: 5A 4. TEMP RATING: -20°TO +105°C 5. PROTECTION: IP67 (WHEN MATED) 6. UL RECOGNIZED, FILE: E152210 CSA CERTIFIED, FILE: LR6837 7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS	 REF. KNOCKOUT HOLE	POLES — 9= 9 POLES 1=10 POLES 2=12 POLES	F001= .1 FT F020= 2 FT F200= 20 FT 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
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TOLERANCED OR NOTED OTHERWISE									
6	FLAG LABEL			VINYL	BLACK/YELLOW				
5	POTTING MATERIAL			EPOXY					
4	WIRE, 16 AWG UL (1015)			PVC INSULATION	SEE CHART				
3	CONTACT PIN			COPPER ALLOY	GOLD PLATED				
2	MALE INSERT (C-SIZE)			TPE	YELLOW				
1	RECEPTACLE SHELL			ZINC DIE-CAST	BLACK				
ITEM	DESCRIPTION			MATERIAL	FINISH				
DOCUMENT STATUS P1 RELEASE DATE 2024/06/12 18:47:11									

FUNCTIONAL SYMBOLS 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: ADD STRIPPING LENGTH				molex MINI-CHANGE RECEPTACLE, C-SIZE, 9, 10 & 12 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG												
	INCH/MM		NTS																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)																				
		mm	INCH		EC NO: 783622 DRWN: LESPINOZA 2024/04/18 CHK'D: HENRYB1 2024/04/18 APPR: BWOODMAN 2024/06/12 INITIAL REVISION: DRWN: RSTONE 2016/12/08 APPR: BWOODMAN 2017/02/02				DOCUMENT NUMBER SD-130015-027		DOC TYPE DOC PART REVISION PSD 001 C										
	4 PLACES	±----	±----																		
	3 PLACES	±----	±----																		
	2 PLACES	±----	±----																		
	1 PLACE	±----	±----																		
	0 PLACES	±----	±----		ANGULAR TOL ± ---- °				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 130015		MATERIAL NUMBER SEE_CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1

9	8	7	6	5	4	3	2	1
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