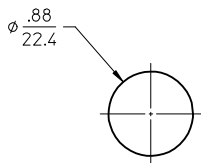


MATERIAL NO.	ENGINEERING NO.	LENGTH
1300150054	3R2004A20A120	12' +.75-0 [305mm +19.0-0]
1300150062	3R2004A20F060	6'0" +2.19-0 [1.8M +55.6-0]



REF. KNOCK-OUT HOLE

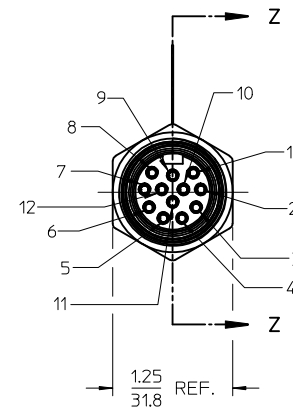
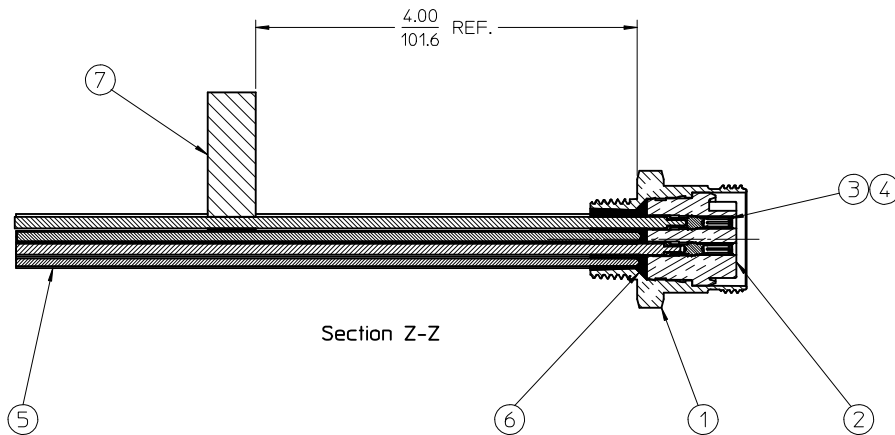
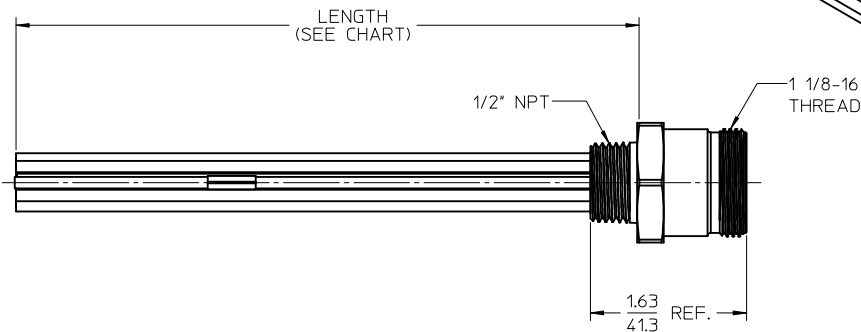
NOTES:

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

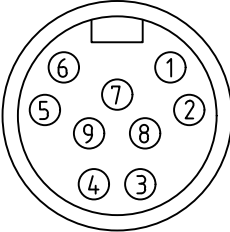
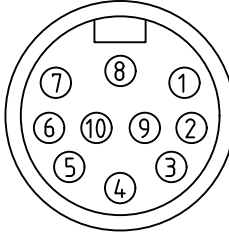
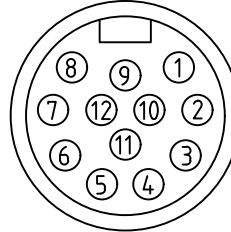
1	ORANGE
2	BLUE
3	WHITE-BLACK
4	RED-BLACK
5	GREEN-BLACK
6	ORANGE-BLACK
7	BLUE-BLACK
8	BLACK-WHITE
9	GREEN-YELLOW
10	RED
11	WHITE
12	BLACK

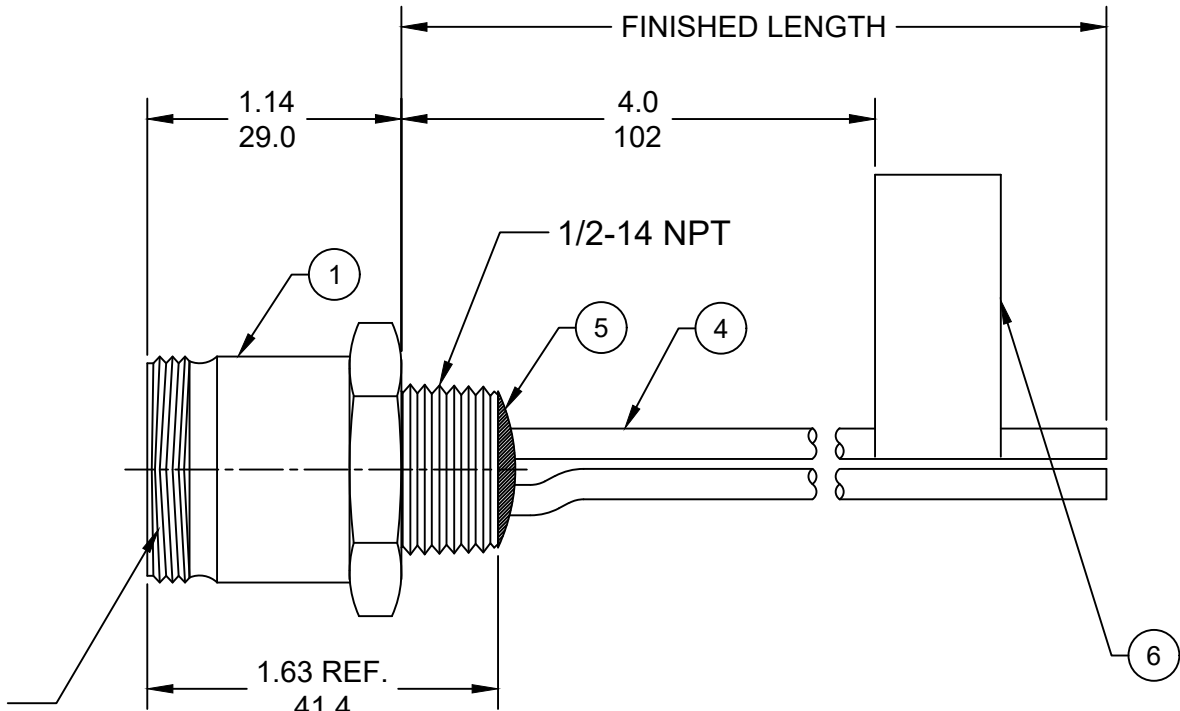
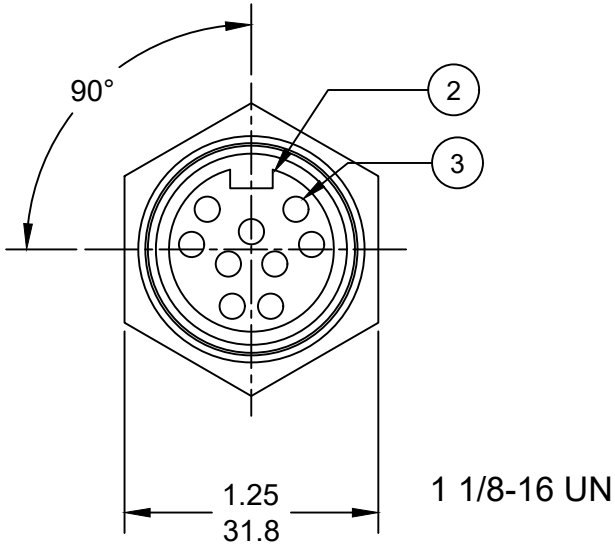
WIRING DIAGRAM

7	1	LABEL	PLASTIC FILM	BLACK/YELLOW
6	1	POTTING	EPOXY	
5	12	WIRE, 16 AWG (UL 1015)	PVC INSULATED	SEE WIRE DIAGRAM
4	12	SOCKET SLEEVE	ST. STEEL	
3	12	CONTACT SOCKET	BRASS	GOLD PLATED
2	1	INSERT	PVC	YELLOW
1	1	RECEPTACLE SHELL	ZINC ALLOY	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH



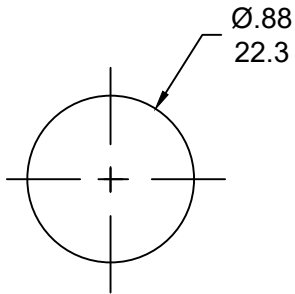
RELEASED EC NO: WNA2010-0101 DRAWN BY: DRWINRSTONE CHKD BY: WOODMAN APPR: J. MURPHY REV: A	DESCRIPTION 2009/08/17 2009/08/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 					
				mm	INCH	DRAWN BY R. STONE	DATE 2009/08/17	TITLE MC RECEPTACLE, FEMALE 12 POLE, 1/2" NPT						
			4 PLACES	± ---	± ---	CHECKED BY B. WOODMAN	DATE 2009/08/17							
			3 PLACES	± ---	± ---	APPROVED BY J. MURPHY		DATE 2009/08/20		molex MOLEX INCORPORATED				
			2 PLACES	± ---	± .01									
			1 PLACE	± 0.3	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-130015-007		SHEET NO. 1 OF 1				
			ANGULAR ±1/2°											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

FACE VIEW-FEMALE 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



PART NO	ENGINEERING NO.	FINISHED LENGTH
1300150117	3R9004A20A120	12 IN [0.3M]
1300150038	3R1004A20F100	10 FT [3.0M]
1300150001	3R2004A20M060	6.0M [19 FT 8 IN]

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REF. KNOCKOUT HOLE

PART NO. MATRIX

3R1004A20F010

LENGTH:

A120= 12 INCHES
F001= .1 FT
F020= 2 FT
F200= 20 FT

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

POLES
9= 9 POLES
1=10 POLES
2=12 POLES

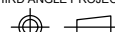
CABLE LENGTH TOLERANCES		
>.3M [1FT]:	+19mm-0	[+.75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0	[+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0	[+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0	[+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0	[+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0	[+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0	[+24.50in-0]
OVER 30M [100FT]	+2%	OF FINISHED LENGTH

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

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DOCUMENT STATUS	P1	RELEASE DATE	2020/07/27	17:35:18
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FORMAT: IN:ACAD-Bt-prod-B
REVISION: B
DATE: 2020/01/14

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 AND MODIFIED MATERIAL TABLE			molex							
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
DIVISIONAL SYMBOLS	F A =0				EC NO: 641453 DRWN: ABENJAMINLW 2020/06/25 CHK'D: RSTONE 2020/07/20 APPR: BWOODMAN 2020/07/27			MINI-CHANGE RECEPTACLE, C-SIZE, 9, 10 & 12 POLE, FEMALE, STRAIGHT, SINGLE KEY, 16 AWG							
	F E =0														
	E P =0														
					PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER SD-130015-026			DOC TYPE PSD	DOC PART 001	REVISION C		
				INITIAL REVISION:											
				DRWN: RSTONE 2016/07/11											
				APPR: TWOLDEGE 2016/08/19											
				ANGULAR TOL ± 2.0 °											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		130015		SEE_CHART		GENERAL MARKET		1 OF 1	

molex

MINI-CHANGE RECEPTACLE, C-SIZE,
9, 10 & 12 POLE, FEMALE, STRAIGHT, SINGLE KEY,
16 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130015-026	PSD	001	C