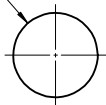


13	12	11	10	9	8	7	6	5	4	3	2	1
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MATERIAL NO.	ENGINEERING NO.	LENGTH
1300140078	2R8006A20A120	12' +.75-0 [305mm +19.0-0]
1300140084	2R8006A20F060	6'0" +2.19 [1.8M +55.6-0]

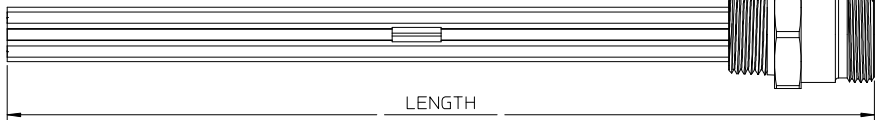
ø .88
22.4



REF. KNOCK-OUT HOLE

1/2-14 NPT

1"-16 THREAD



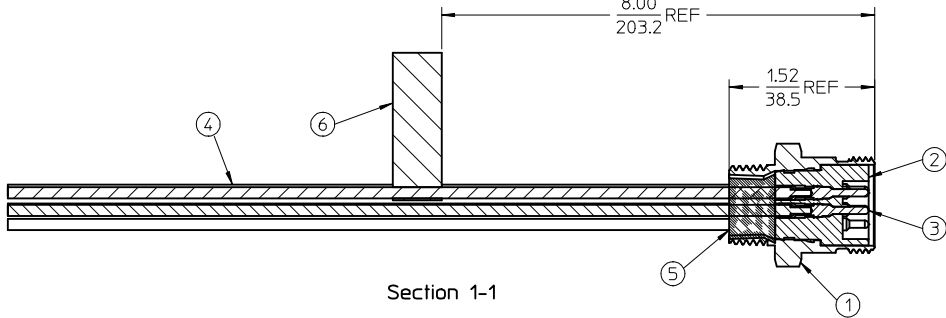
LENGTH
(SEE CHART)

8.00
203.2

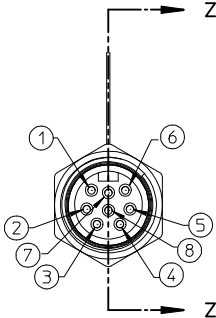
REF

1.52
38.5

REF



Section 1-1



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

NOTES:

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

6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	1	POTTING	EPOXY	
4	8	WIRE, 16 AWG (UL 1015)	PVC INSULATED	SEE WIRE DIAGRAM
3	8	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
DRWN:BRUPERT 2009/06/09
CHKD:BRUPERT
APPR:JFMURPHY 2009/06/10

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .005	± .0005
2 PLACES	± .005	± .0005
1 PLACE	± .005	± .0005

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

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

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

TITLE
MINI-CHANGE RECEPTACLE
MALE, 8 POLE
1/2 IN NPT

MOLEX INCORPORATED

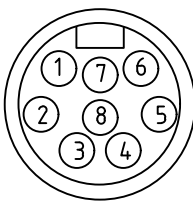
DOCUMENT NO.
SD-130014-005

SHEET NO.
1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

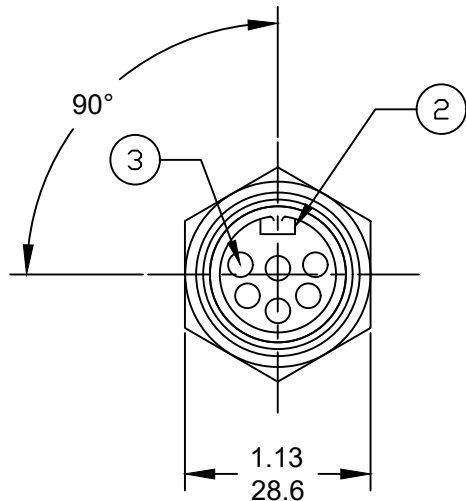
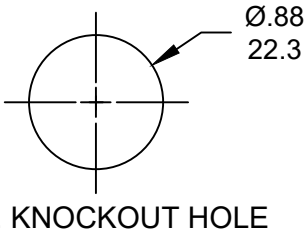
13	12	11	10	9	8	7	6	5	4	3	2	1
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FACE VIEW-MALE INSERT		
1 ORANGE 2 BLUE 3 BLACK 4 WHITE 5 RED 6 GREEN/YELLOW	1 WHITE/BLACK 2 BLACK 3 WHITE 4 RED 5 ORANGE 6 BLUE 7 GREEN/YELLOW	1 ORANGE 2 BLUE 3 WHITE/BLACK 4 BLACK 5 WHITE 6 RED 7 GREEN/YELLOW 8 RED/BLACK



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

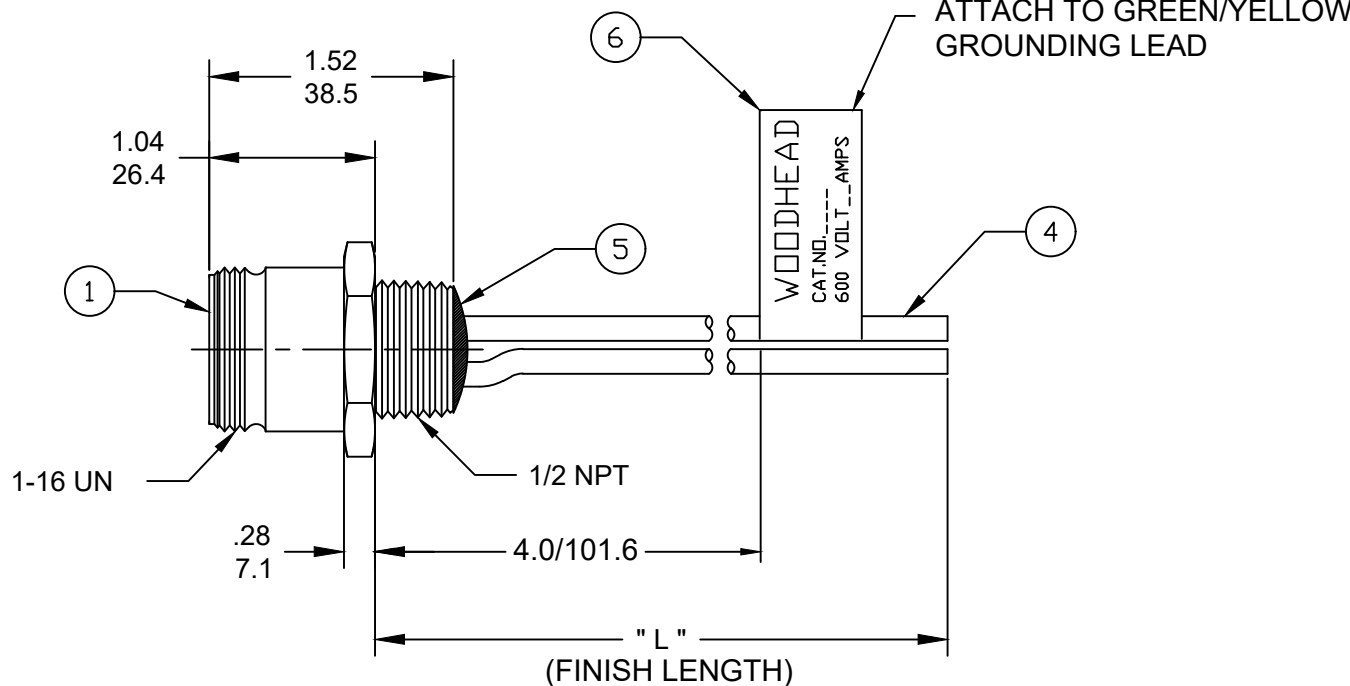
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



2R7006A20M010

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

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



>.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

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]

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

FUNCTIONAL SYMBOLS FA=0 FE=0 FD=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: ITEM #2 WAS PVC, ADDED CSA IN NOTES & MODIFIED MATERIAL TABLE			molex		
	INCH/MM		---							
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 640359			MINI-CHANGE RECEPTACLE, B-SIZE, 6 TO 8 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG		
		mm	INCH							
	4 PLACES	±----	±----	DRWN: ABENJAMINLW	2020/05/18	PRODUCT CUSTOMER DRAWING				
	3 PLACES	±----	±----	CHK'D: RSTONE	2020/06/26					
	2 PLACES	±----	±----	APPR: BWOODMAN	2020/07/06					
	1 PLACE	±----	±----	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	0 PLACES	±----	±----	DRWN: RSTONE	2016/12/07					
ANGULAR TOL ± 0.5 °			APPR: BWOODMAN		SD-130014-010		PSD	001	B	
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	