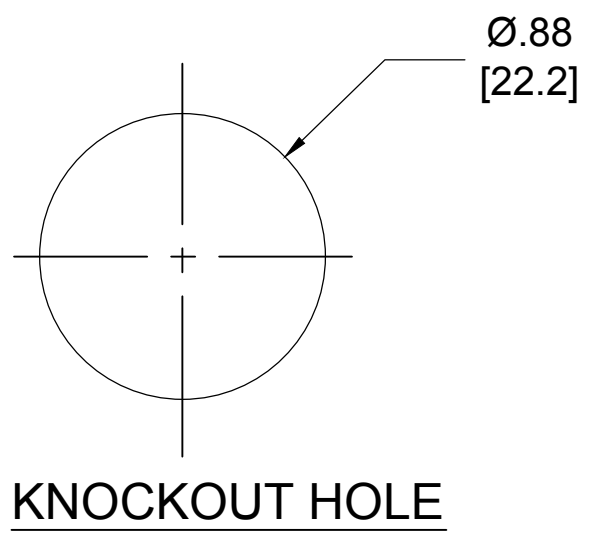


MALE FACE VIEW

1	GREEN-YELLOW
2	BLACK
3	WHITE

WIRING DIAGRAM



KNOCKOUT HOLE

PART LEGEND

1R3006A20A060

wire type
16 AWG
PVC

wire length
060 = 6 Inches
120 = 12 Inches

- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE; 600V AC/DC
CURRENT: 13
 - 4. TEMP RATING: -20° TO +105°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. ALL DIMS ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

C

TABLE

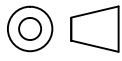

6	LABEL	VINYL	BLACK/YELLOW
5	POTTING	EPOXY	
4	WIRE, 16 AWG, UL 1015	PVC INSUL.	SEE FACE VIEW
3	CONTACT PIN	Cu ALLOY	GOLD PLATED
2	INSERT	PVC	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK E-COAT
ITEM	COMPONENT	MATERIAL	FINISH

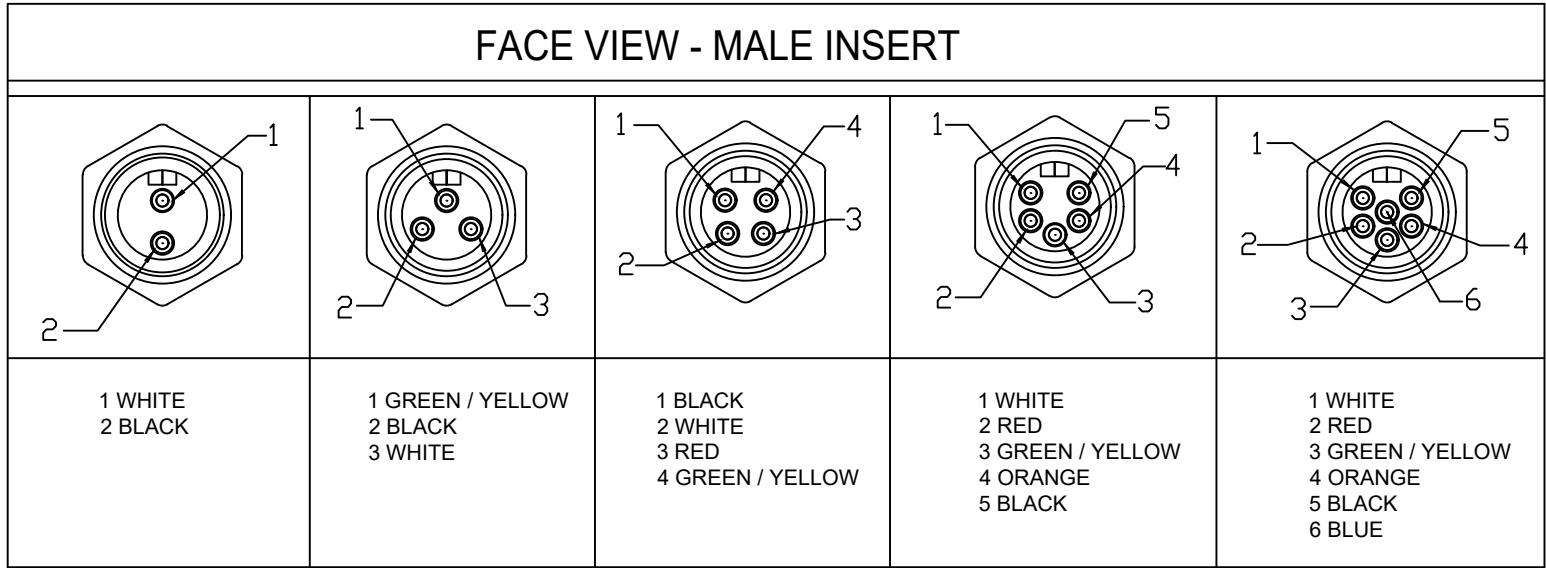
.38 WAS .3, UPDATED DOC	EC NO: IPG2017-0513	DRWN: RSTONE 11/18/16	CH'KD: M ZIELIN 2016/12/07	APPR: BWOODMAN	DESCRIPTION
C					REV

QUALITY SYMBOL
▽=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.13	±.01
1 PLACE	±0.3	±---
ANGULAR ±---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
GGUSTAFS	2013/12/03
CHECKED BY	DATE
LH	2009/04/01
APPROVED BY	DATE
----	----
MATERIAL NO.	---
SIZE	C

SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
MINI-CHANGE RECEPTACLE 3 POLE MALE 1/2 NPT 16/1 AWG PVC		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-130013-003		SHEET NO. 1 OF 1
CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



PART NO. MATRIX

1R3006A20F020

POLES
2-6

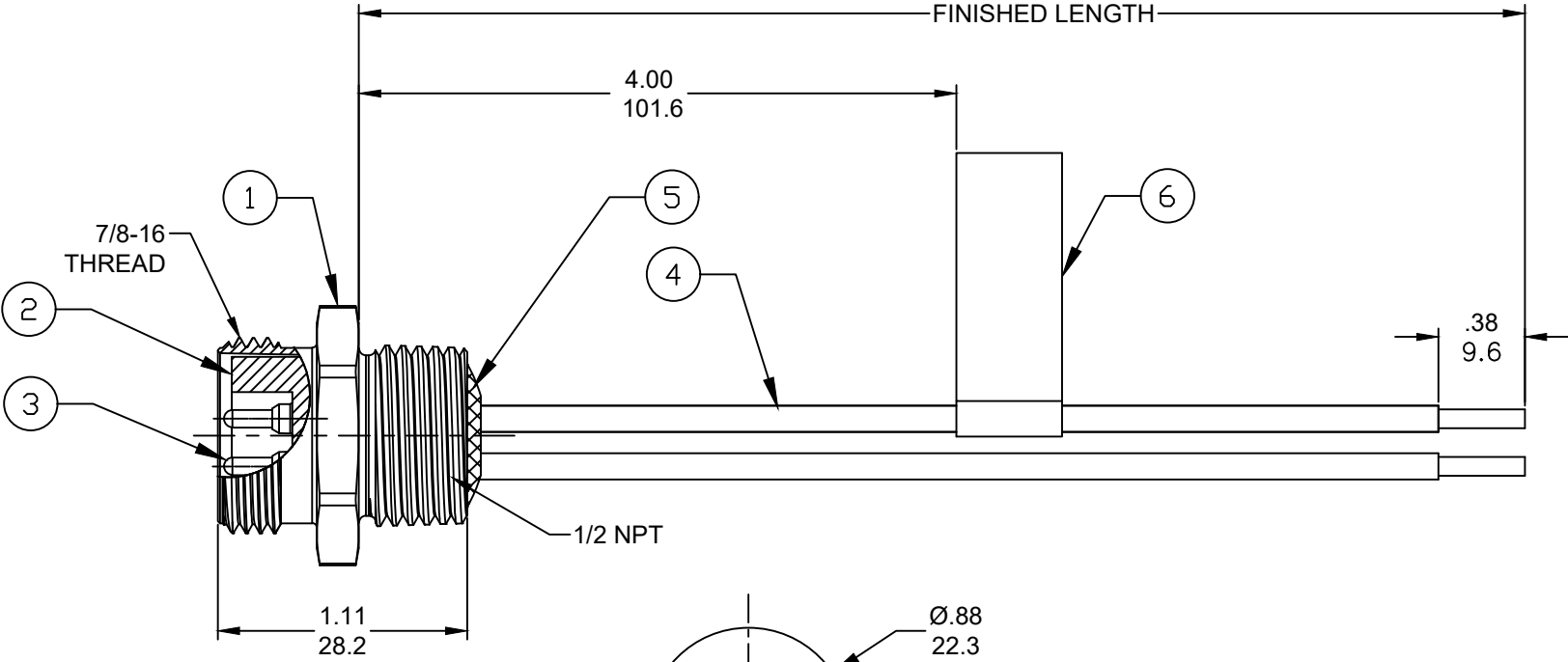
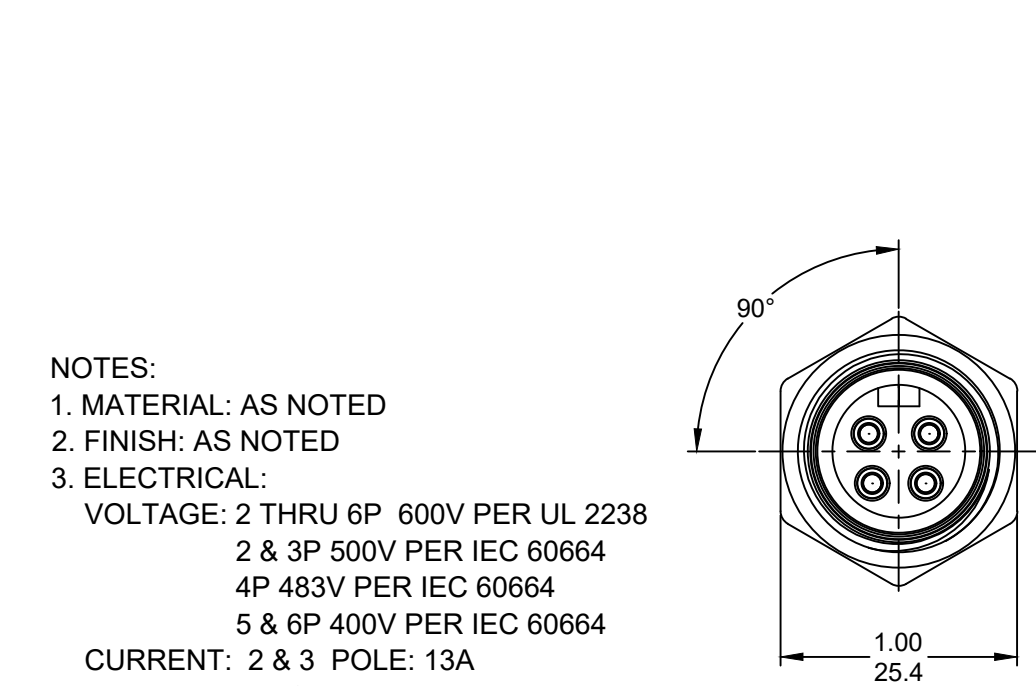
FINISHED LENGTH:

A120= 12 IN.
F020= 2 FEET
F100= 10 FEET

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

CABLE LENGTH TOLERANCES

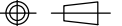
>.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]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



PART NO	ENGINEERING NO.	FINISHED LENGTH
1300130352	1R4006A20A060	6 IN [0.15M]
1300130081	1R2006A20F030	3 FT [0.9M]
1300130084	1R2006A20F060	6 FT [1.8M]
1300131166	1R5006A20M030	3.0M [9 FT 10 IN]
1300130018	1R6006A20M040	4.0M [13 FT 1 IN]

6	LABEL	VINYL	BLACK/YELLOW
5	POTTING	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	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/27	17:35:17
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FUNCTIONAL SYMBOLS <div>F A</div> =0 <div>F C</div> =0 <div>F P</div> =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, CSA ADDED IN NOTES & MATERIAL TABLE MODIFIED			<div>molex</div>							
	INCH/MM		---												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
		mm	INCH		EC NO: 641453			MINI CHANGE RECEPTACLE, A-SIZE 2 TO 6P, MALE, STRAIGHT, SINGLE KEY, 16 AWG							
	4 PLACES	± ----	± ----												
	3 PLACES	± ----	± ----		DRWN: ABENJAMINLW 2020/05/21										
	2 PLACES	± ----	± ----		CHK'D: RSTONE 2020/07/20										
	1 PLACE	± ----	± ----		APPR: BWOODMAN 2020/07/27										
	0 PLACES	± ----	± ----		INITIAL REVISION:			PRODUCT CUSTOMER DRAWING							
ANGULAR TOL ± 1.0 °															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		130013		SEE_CHART		GENERAL MARKET		1 OF 1	