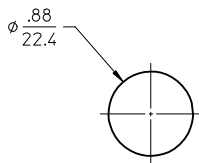


MATERIAL NO.	ENGINEERING NO.	LENGTH
1300150076	3R2006A20A120	12' +.75-0 [305mm +19.0-0]
1300150082	3R2006A20F060	6'0" +2.19-0 [1.8M +55.6-0]



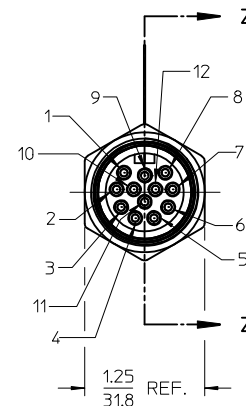
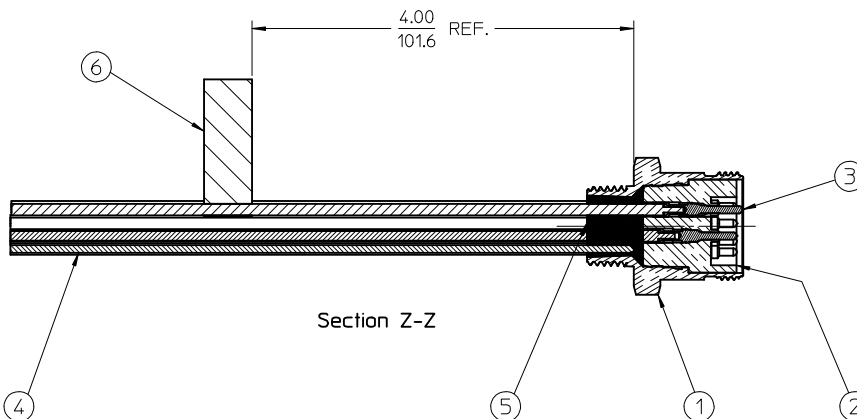
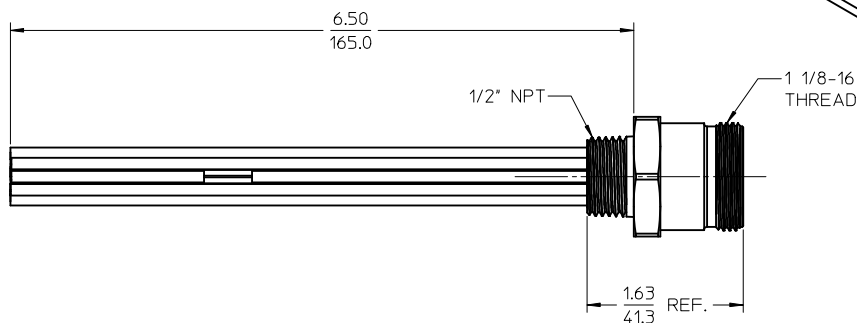
REF. KNOCK-OUT HOLE

- 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 DRAWN: R.STONE 2009/08/17 CHKD: B.WOODMAN APPR: J.MURPHY 2009/08/20	DESCRIPTION	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 2009/08/14	TITLE MC RECEPTACLE, MALE 12 POLE, 1/2" NPT		
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY B.WOODMAN	DATE 2009/08/17	MOLEX MOLEX INCORPORATED		
			2 PLACES ± --- ± .01	1 PLACE ± 0.3 ± ---	APPROVED BY J.MURPHY	DATE 2009/08/20			
			ANGULAR ±1/2°		MATERIAL NO. SEE CHART				
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE	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

90°

1.25
31.8

1 1/8-16 UN

1.14
29.0

4.0
102

1.63 REF.
41.4

1

2

3

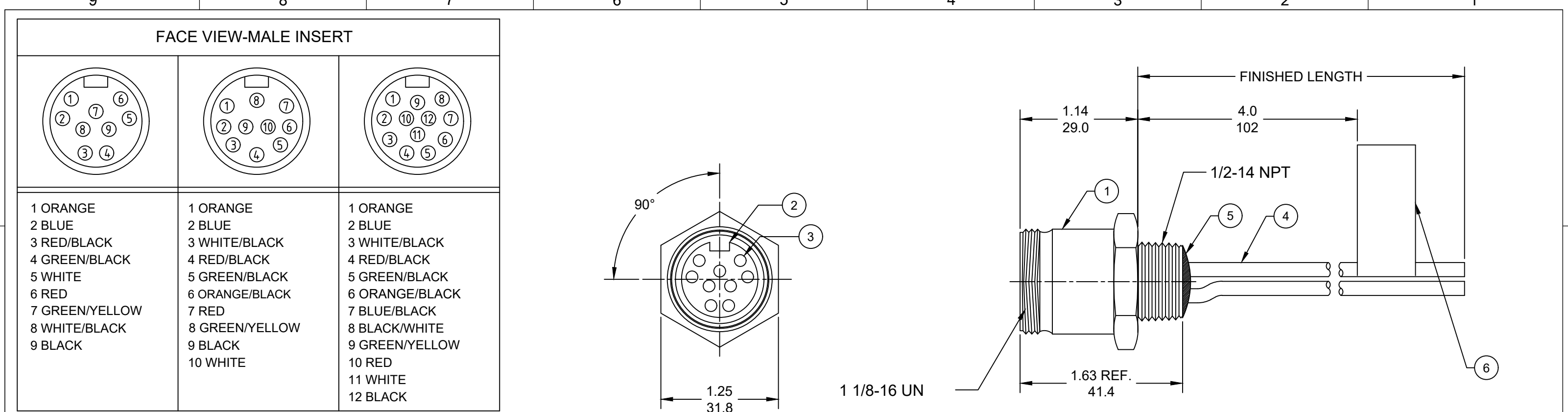
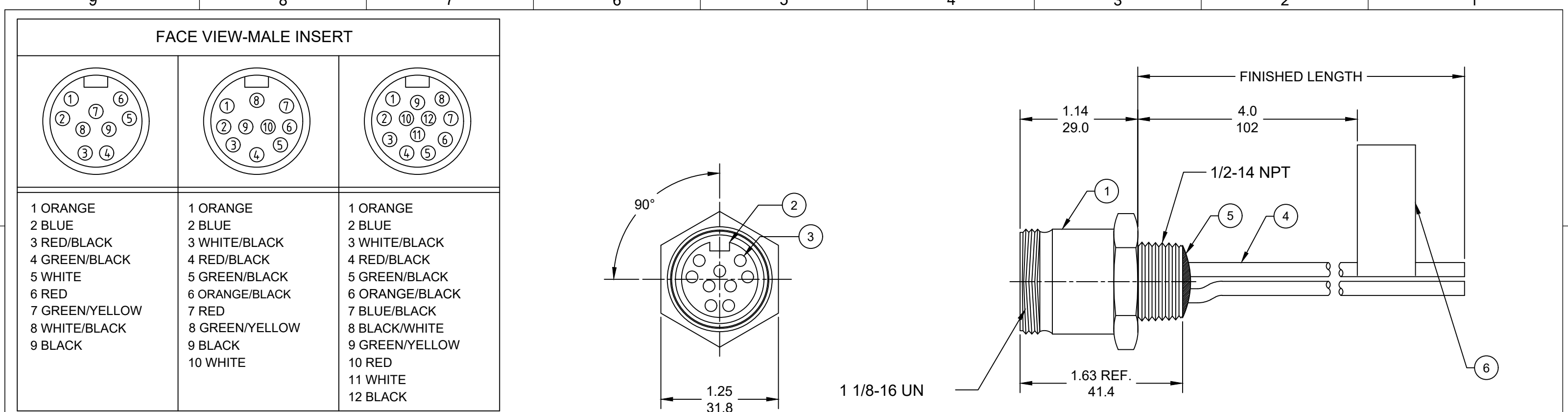
4

5

6

1/2-14 NPT

FINISHED LENGTH



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

(B)

PART NO. MATRIX
3R1006A20F010

POLES →

LENGTH: →
A120= 12 INCHES
F001 = 1 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 (B) 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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- | | | | | |
|--|---|--|---|--|
| <p>3. ELECTRICAL:</p> <p>VOLTAGE: 320V PER IEC60664
600V PER UL2238</p> <p>CURRENT: 9 POLE: 7A
10 POLE: 7A
12 POLE: 5A</p> <p>4. TEMP RATING: -20°TO +105°C</p> <p>5. PROTECTION: IP67 (WHEN MATED)</p> <p>6. UL RECOGNIZED, FILE: E152210
CSA CERTIFIED, FILE: LR6837 (B)</p> <p>7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS</p> |  <p>REF. KNOCKOUT HOLE</p> | <p>POLES —</p> <p>9= 9 POLES
1=10 POLES
2=12 POLES</p> | <p>F001= .1 FT
F020= 2 FT
F200= 20 FT</p> <p>M005= 0.5 METER
M010= 1 METER
M100= 10 METER</p> | <p>CABLE LENGTH TOLERANCES</p> <p>>.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]
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14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH</p> |
|--|---|--|---|--|

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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

B

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	
	INCH/MM		NTS	
	CURRENT REV DESC: ITEM #2 WAS PVS, CSA ADDED IN NOTES AND MODIFIED MATERIAL TABLE.			
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
		mm	INCH	
	4 PLACES	±----	±----	
	3 PLACES	±----	±----	
	2 PLACES	±----	±----	
	1 PLACE	±----	±----	
	0 PLACES	±----	±----	
	ANGULAR TOL ± ---- °			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
			DRAWING	SERIES
			B-SIZE	130015

molex			
MINI-CHANGE RECEPTACLE, C-SIZE, 9, 10 & 12 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-130015-027		PSD	001
			B
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE_CHART	GENERAL MARKET	1 OF 1	

EC NO: 641453	
DRWN: ABENJAMINLW	2020/06/25
CHK'D: RSTONE	2020/07/20
APPR: BWOODMAN	2020/07/27
INITIAL REVISION:	
DRWN: RSTONE	2016/12/08
APPR: BWOODMAN	2017/02/02

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/27	17:35:19
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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

B

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	
	INCH/MM		NTS	
	CURRENT REV DESC: ITEM #2 WAS PVS, CSA ADDED IN NOTES AND MODIFIED MATERIAL TABLE.			
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
		mm	INCH	
	4 PLACES	±----	±----	
	3 PLACES	±----	±----	
	2 PLACES	±----	±----	
	1 PLACE	±----	±----	
	0 PLACES	±----	±----	
	ANGULAR TOL ± ---- °			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
			DRAWING	SERIES
			B-SIZE	130015

molex			
MINI-CHANGE RECEPTACLE, C-SIZE, 9, 10 & 12 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-130015-027		PSD	001
			B
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE_CHART	GENERAL MARKET	1 OF 1	

EC NO: 641453	
DRWN: ABENJAMINLW	2020/06/25
CHK'D: RSTONE	2020/07/20
APPR: BWOODMAN	2020/07/27
INITIAL REVISION:	
DRWN: RSTONE	2016/12/08
APPR: BWOODMAN	2017/02/02

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/27	17:35:19
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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

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	DIMENSION UNITS		SCALE	
	INCH/MM		NTS	
	CURRENT REV DESC: ITEM #2 WAS PVS, CSA ADDED IN NOTES AND MODIFIED MATERIAL TABLE.			
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
		mm	INCH	
	4 PLACES	±----	±----	
	3 PLACES	±----	±----	
	2 PLACES	±----	±----	
	1 PLACE	±----	±----	
	0 PLACES	±----	±----	
	ANGULAR TOL ± ---- °			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
			DRAWING	SERIES
			B-SIZE	130015

molex			
MINI-CHANGE RECEPTACLE, C-SIZE, 9, 10 & 12 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-130015-027		PSD	001
			B
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE_CHART	GENERAL MARKET	1 OF 1	

EC NO: 641453	
DRWN: ABENJAMINLW	2020/06/25
CHK'D: RSTONE	2020/07/20
APPR: BWOODMAN	2020/07/27
INITIAL REVISION:	
DRWN: RSTONE	2016/12/08
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