

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]

1.14
[29.0]

4.0
[102]

1.63 REF.
[41.4]

1/2-14 NPT

FINISHED LENGTH

.38 REF
[9.7]

C

1 1/8-16 UN

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

Diagram of a circular hole with a diameter dimension of 0.88 [22.3].

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 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 F_A=0 F_E=0 F_P=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: 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 PSD	DOC PART 001	REVISION 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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