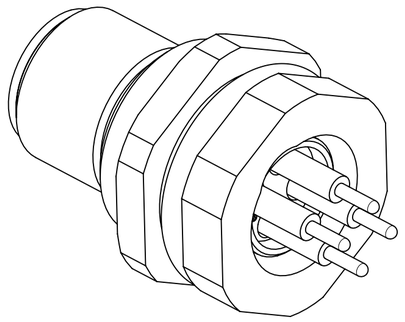
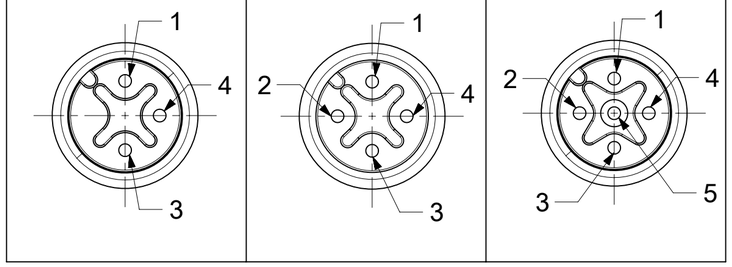
MATERIAL NO.	ENGINEERING NO.
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1200700235	8R5J460003
1200705204	8R3J460003

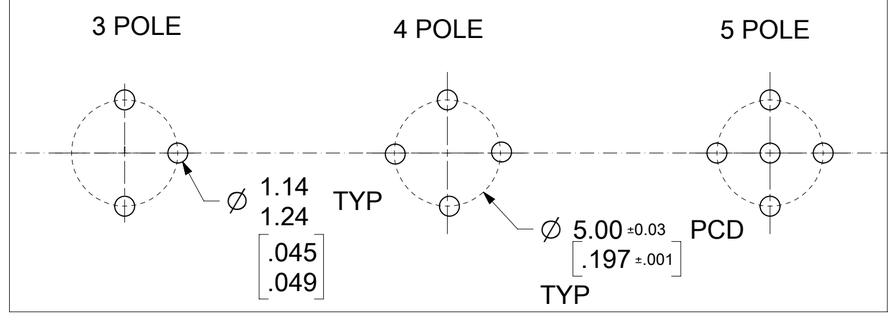
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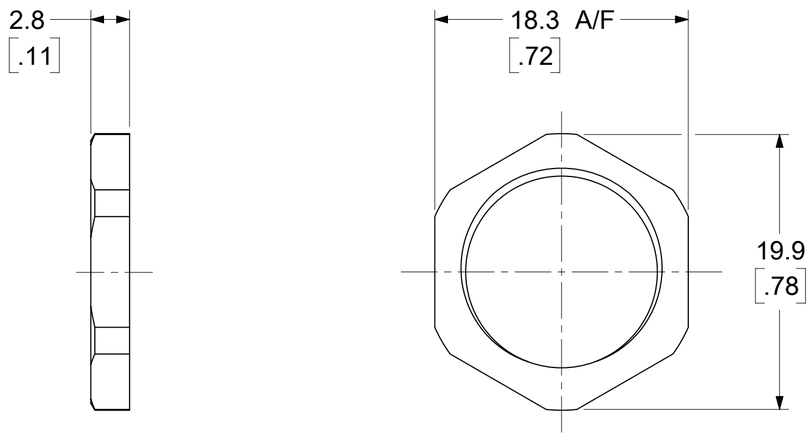


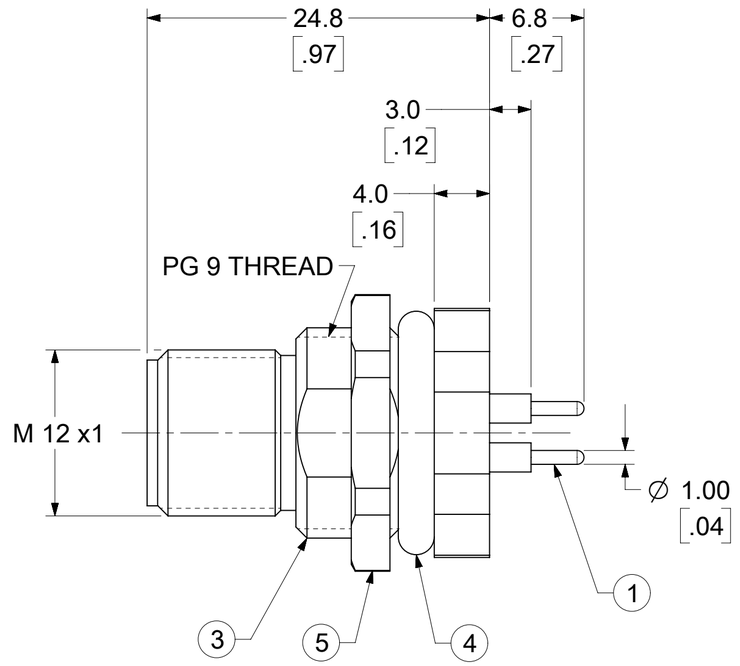
MALE FACE VIEW

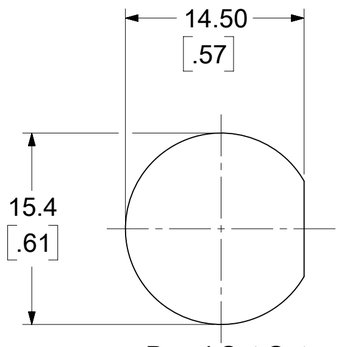


B PCB LAYOUT (PCB HOLES ARE SPACED 90° APART)









Panel Cut Out
max Panel thickness 4.5/[.18]

NOTES: B
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 250V AC/DC
   CURRENT: 4A
4. TEMP RATING: -20°C TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH
5	LOCKNUT	Cu ALLOY	BRIGHT NICKEL PLATED
4	O-RING	VITON	BLACK
3	RECEPTACLE SHELL	Cu ALLOY	BRIGHT NICKEL PLATED
2	INSERT	NYLON	BLACK
1	CONTACT PIN	Cu ALLOY	GOLD OVER NICKEL

B

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/21 16:17:12

B PART NUMBER LEGEND

8	R	5	J	4	6	0	0	0	3
8-MICRO CHANGE	R-RECEPTACLE	3=3 CORE 4=4 CORE 5=5 CORE	Male Conatct Male Thread M12 Panel mount shell PG9 Thd.			000=Turned PCB contact			Shell Material 3=Brass Nickel Plated

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM/INCH
SCALE: 3:1

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

CURRENT REV DESC: ADDED STD. NOTES, PCB LAYOUT, PART NUMBER LEGEND. UPDATED MATERIAL TABLE & INSERT WAS PUR.

EC NO: 696324
DRWN: AKABADI 2022/01/18
CHK'D: RSTONE 2022/02/17
APPR: BWOODMAN 2022/02/21

INITIAL REVISION:
DRWN: CFOERDERER 2012/10/04
APPR: CBURGER 2012/10/29

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 120011 | MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

molex

MICRO-CHANGE RECEPTACLE
MALE, M12, SINGLE KEY, PCB MOUNT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120011-281	PSD	001	B

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E
DATE: 2020/01/14