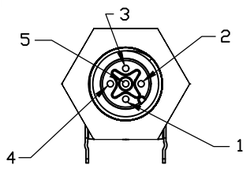
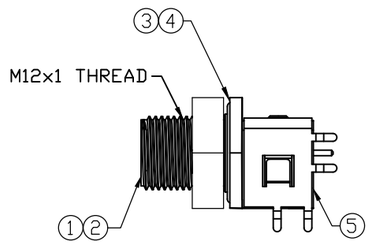
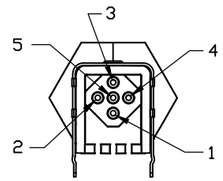
MATERIAL NUMBER	ENGINEERING NUMBER	POLE	PIN CONFIGURATION
1200700162	8R4L560005	4	STRAIGHT
1200700242	8R5L560005	5	STRAIGHT
1200700164	8R4L570005	4	90 DEGREE
1200700244	8R5L570005	5	90 DEGREE



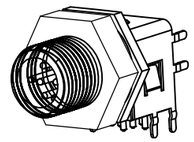
FACE VIEW
(STRAIGHT)

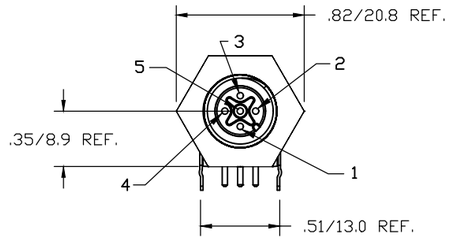


STRAIGHT PIN CONFIGURATION

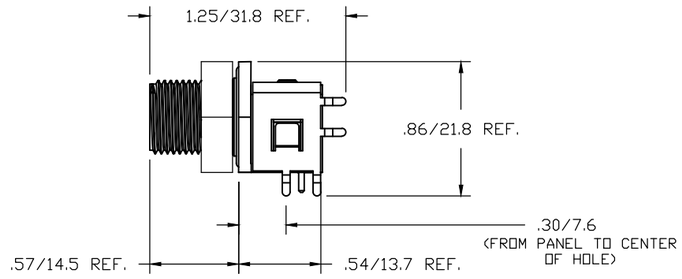


BACK VIEW
(STRAIGHT)

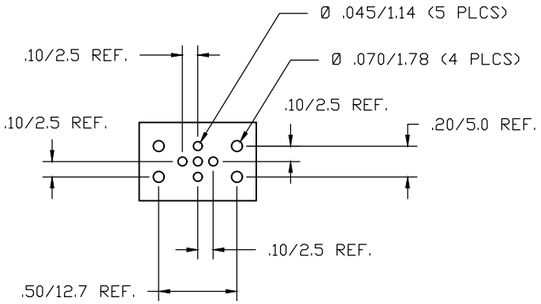




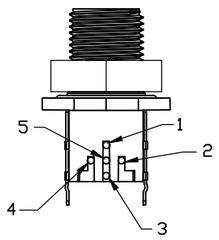
FACE VIEW
(90° CONFIG.)



90° PIN CONFIGURATION



RECOMMEDNED PCB LAYOUT
(BOTH STRAIGHT & 90°)



BOTTOM VIEW
(90° CONFIG.)

5 POLE SHOWN

NOTE:
PANEL THICKNESS - .14 MAX.

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	NYLON	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	RECEPTALCLE SHELL	DELRIN	BLACK
4	O-RING	VITON	
5	BRACKET	STEEL	TIN PLATED

VOLTAGE RATING	250 VAC/VDC
AMPERAGE RATING	4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 80°C
PANEL HOLE CUT SIZE	Ø .51/12.9

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	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ----	± ----
3 PLACES	± ----	± 0.005
2 PLACES	± ----	± 0.01
1 PLACE	± 0.3	± 0.02
0 PLACES	± ----	± ----
ANGULAR TOL ± 0.5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516685

EC NO: 830097

DRWN:	SANATK1	2025/07/28
CHK'D:	GGA	2025/08/06
APPR:	GGA	2025/08/06

INITIAL REVISION:

DRWN:	BWOODMAN	2009/08/26
APPR:	JFMURPHY	2009/08/28

molex

M12 PCB MOUNT MALE
3P/4P/5P RECEPTACLE STR/90D

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120070-009	PSD	001	D1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	120070	SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06 10:03:32

FORMAT: ACAD-tb-prod-B
REVISION: C
DATE: 2022/10/04