

F

E

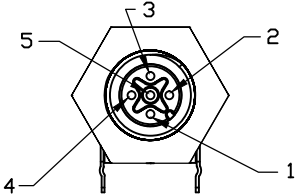
D

C

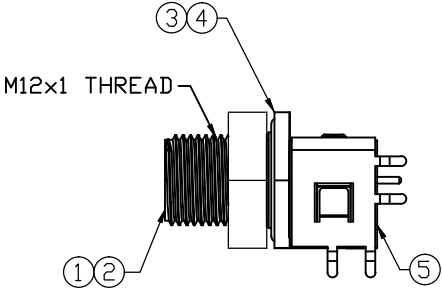
B

A

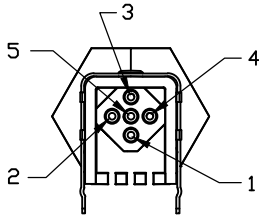
MATERIAL NUMBER	PIN CONFIGURATION	QUANTITY PER PACK
848649002	STRAIGHT	35
848649003	90 DEGREE	35



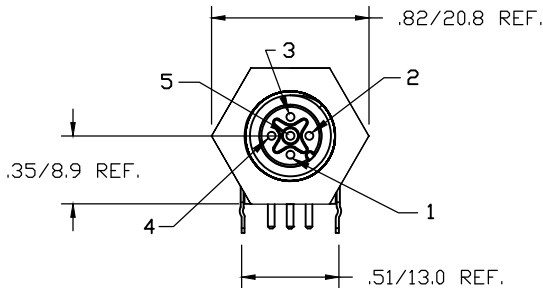
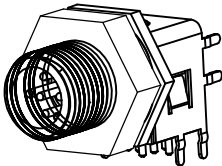
FACE VIEW
(STRAIGHT)



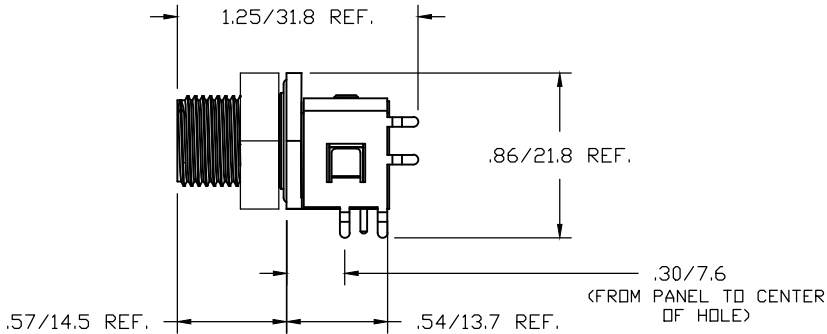
STRAIGHT PIN CONFIGURATION



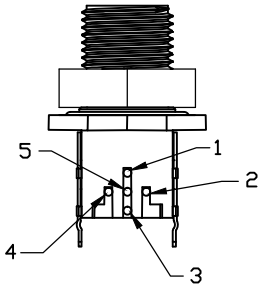
BACK VIEW
(STRAIGHT)



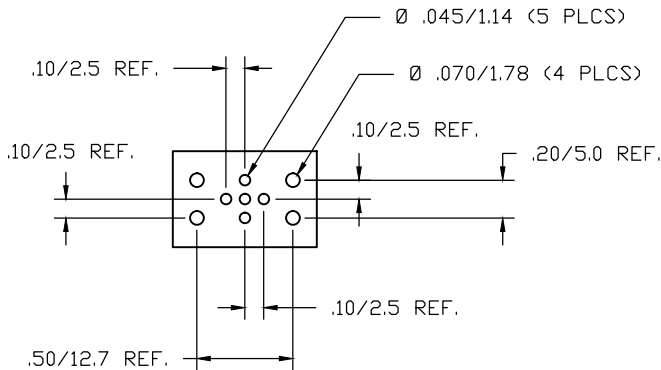
FACE VIEW
(90° CONFIG.)



90° PIN CONFIGURATION



BOTTOM VIEW
(90° CONFIG.)

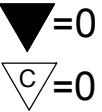


RECOMMENDED PCB LAYOUT
(BOTH STRAIGHT & 90°)

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

UPDATE DIM AND VIEWS EC NO: WEU2011-0651 DRWN: VOU 2011/06/24 CHKD: BWOODMAN APPR: JFMURPHY 2011/08/13	DESCRIPTION
	REV

QUALITY SYMBOLS



GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±--	±---
3 PLACES	±--	±.005
2 PLACES	±--	±.01
1 PLACE	±0.3	±.02
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
BW	2009/08/26
CHECKED BY	DATE
JMACNEIL	2007/10/10
APPROVED BY	DATE
JFMURPHY	2011/08/13
MATERIAL NO.	
SEE CHART	
SIZE	
B	

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

SCALE 1:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
TITLE M12 PCB MOUNT MALE 5 POLE RECEPTACLE -----			
 MOLEX INCORPORATED		SHEET NO.	
DOCUMENT NO. SD-84864-003		1 OF 1	
CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

F

E

D

C

B

A