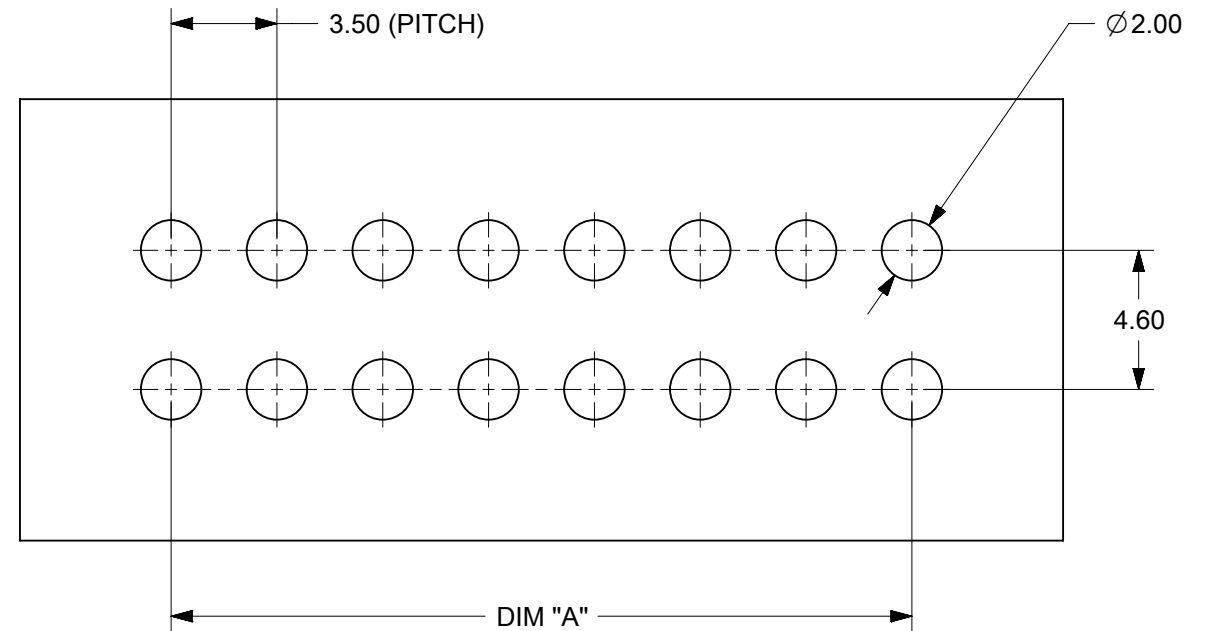
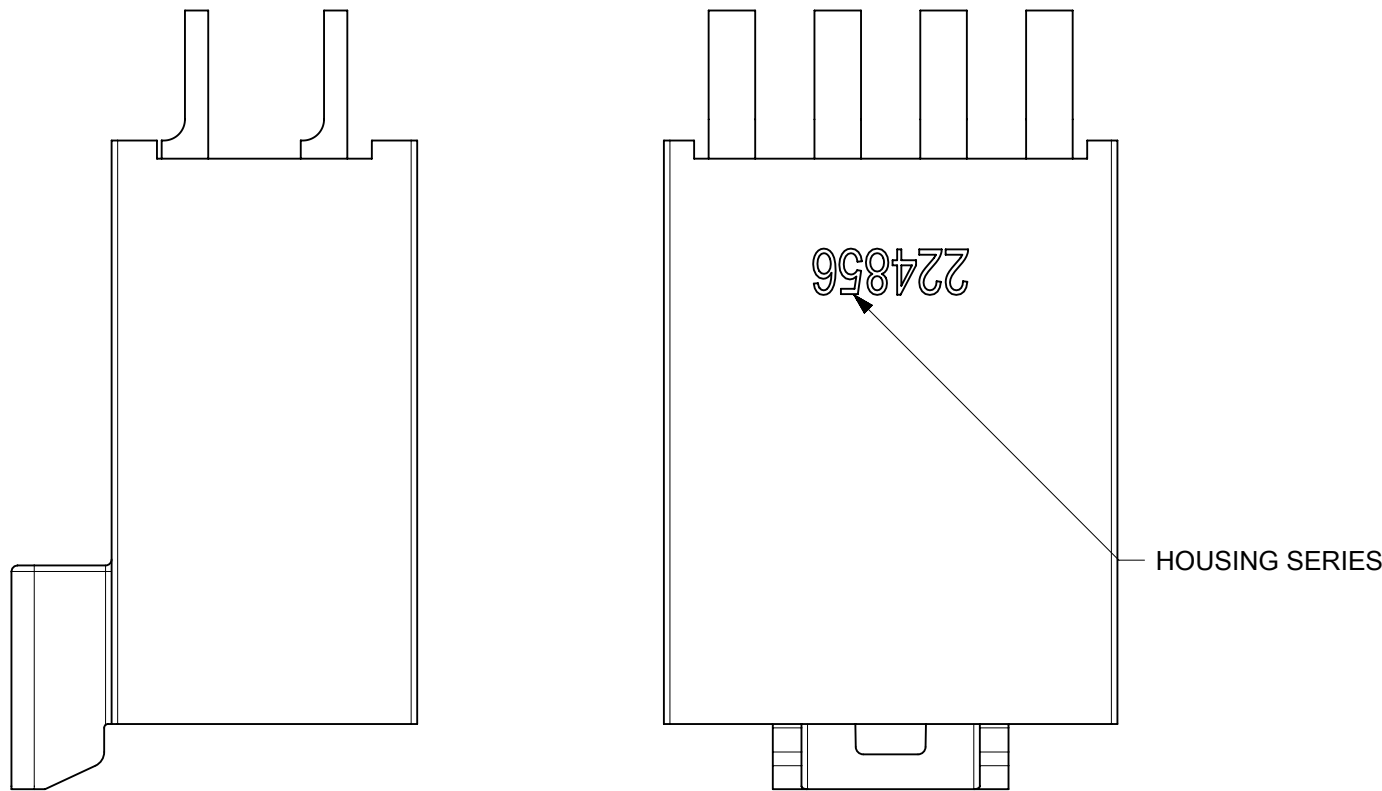
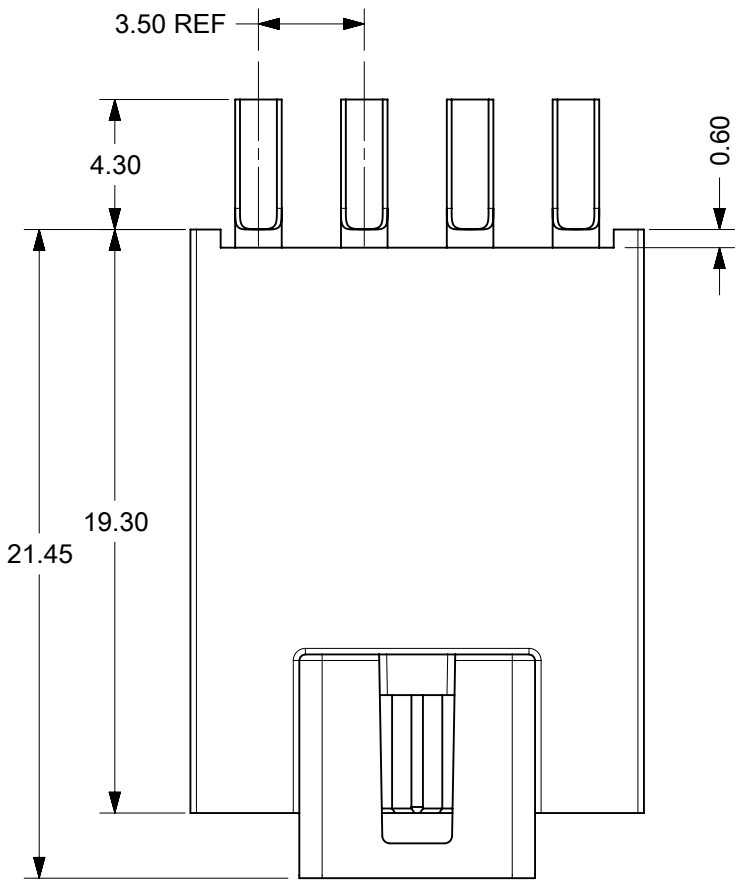
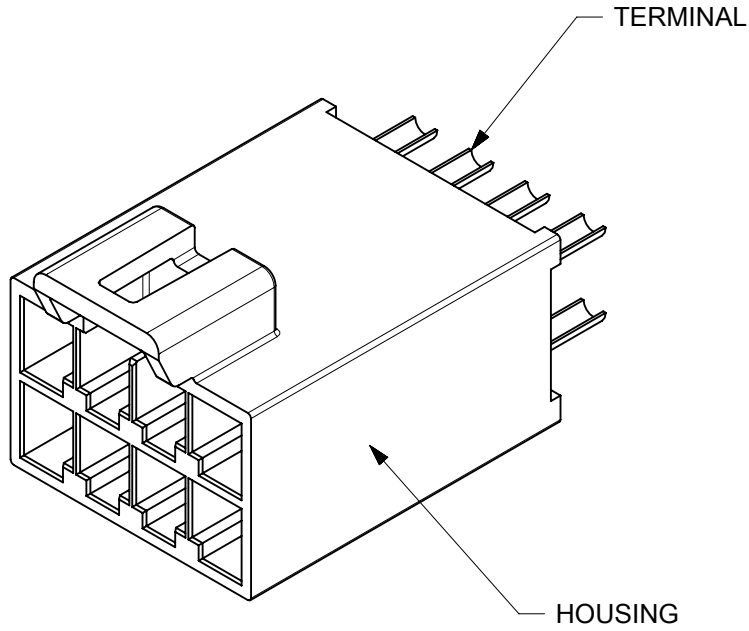
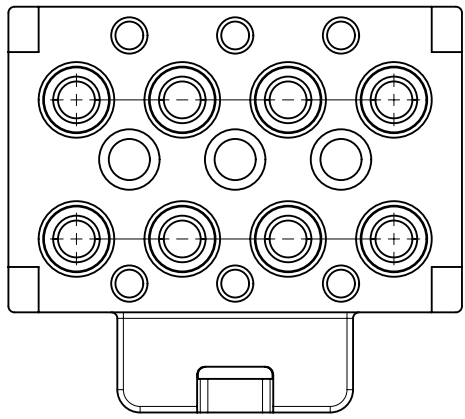
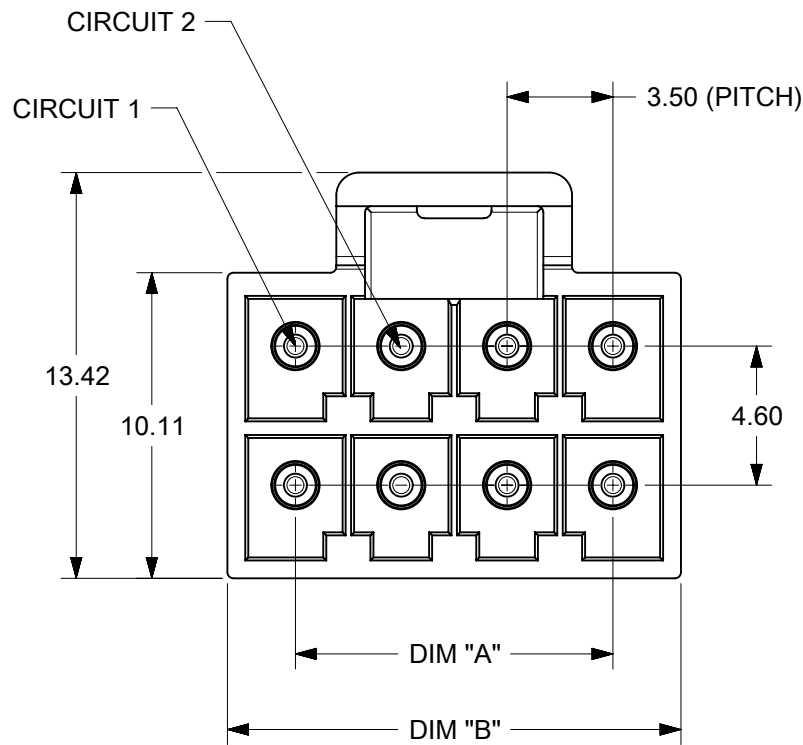




RECOMMENDED PCB LAYOUT FOR REFERENCE
(TOLERANCE +/-0.05)



PART NUMBER	NUMBER OF CKTS	DIM "A"	DIM "B"
224857-1041	4	3.50	8.00
224847-1061	6	7.00	11.50
224857-1081	8	10.50	15.00
224857-1101	10	14.00	18.50
224857-1121	12	17.50	22.00
224857-1141	14	21.00	25.50
224857-1161	16	24.50	29.00

NOTES:

- MATERIAL:
HOUSING: LCP, UL94V-0, COLOR: BLACK.
POGO-PIN : COPPER ALLOY FOR BODY AND STAINLESS STEEL FOR SPRING.
- PLATING FINISH:
POGO-PIN : GOLD PLATED OVER HARD NICKEL.
- PRODUCT SPECIFICATION: 2248571000-PS
- THIS PRODUCT IS INTENDED TO BE USED AS A TESTER FOR CONTINUITY ONLY.
- DO NOT MAKE OR BREAK CONTACT UNDER LOAD.
- MAXIMUM CURRENT CARRYING CAPACITY OF POGO-PIN IS 2.5 AMPERES.
- THE TEST PLUG CAN BE SOLDERED ON PCB OR SOLDERED/WIRED WITH WIRE.
SOLDER CUP WILL ACCEPT 20-26 GAUGE WIRE.
SOLDER CUP ORIENTATION IS RANDOM.
- MAXIMUM MATING CYCLES OF TEST PLUG IS 10,000 CYCLES.
- TEST PLUG CAN BE USED FOR TESTING BOTH SINGLE ROW AND DUAL ROW RECEPTACLES. FOR SINGLE ROW RECEPTACLES, USE A TEST PLUG THAT HAS TWICE THE NUMBER OF CIRCUITS AS THE SINGLE ROW RECEPTACLE BEING TESTED.
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
- PART MATES WITH MOLEX RECEPTACLE 172256** AND 172258**.

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:								
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 787428 DRWN: LEOW 2024/05/27 CHK'D: XQZHANG 2024/05/27 APPR: XQZHANG 2024/05/27 INITIAL REVISION: DRWN: DRAWN BY 0099/99/99 APPR: APPR BY 0099/99/99						ULTRA-FIT 4-16 CIRCUIT TEST PLUG ASSEMBLY - BMI COMPATIBLE		
		MM	INCH				PRODUCT CUSTOMER DRAWING					
4 PLACES	±		±				DOCUMENT NUMBER 2248571000-SD			DOC TYPE PSD	DOC PART 000	REVISION A1
3 PLACES	±		±									
2 PLACES	±	0.4	±									
1 PLACE	±	0.5	±	THIRD ANGLE PROJECTION			MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	
0 PLACES	±		±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING C-SIZE		SERIES 224857				
ANGULAR TOL ± 0.5 °												