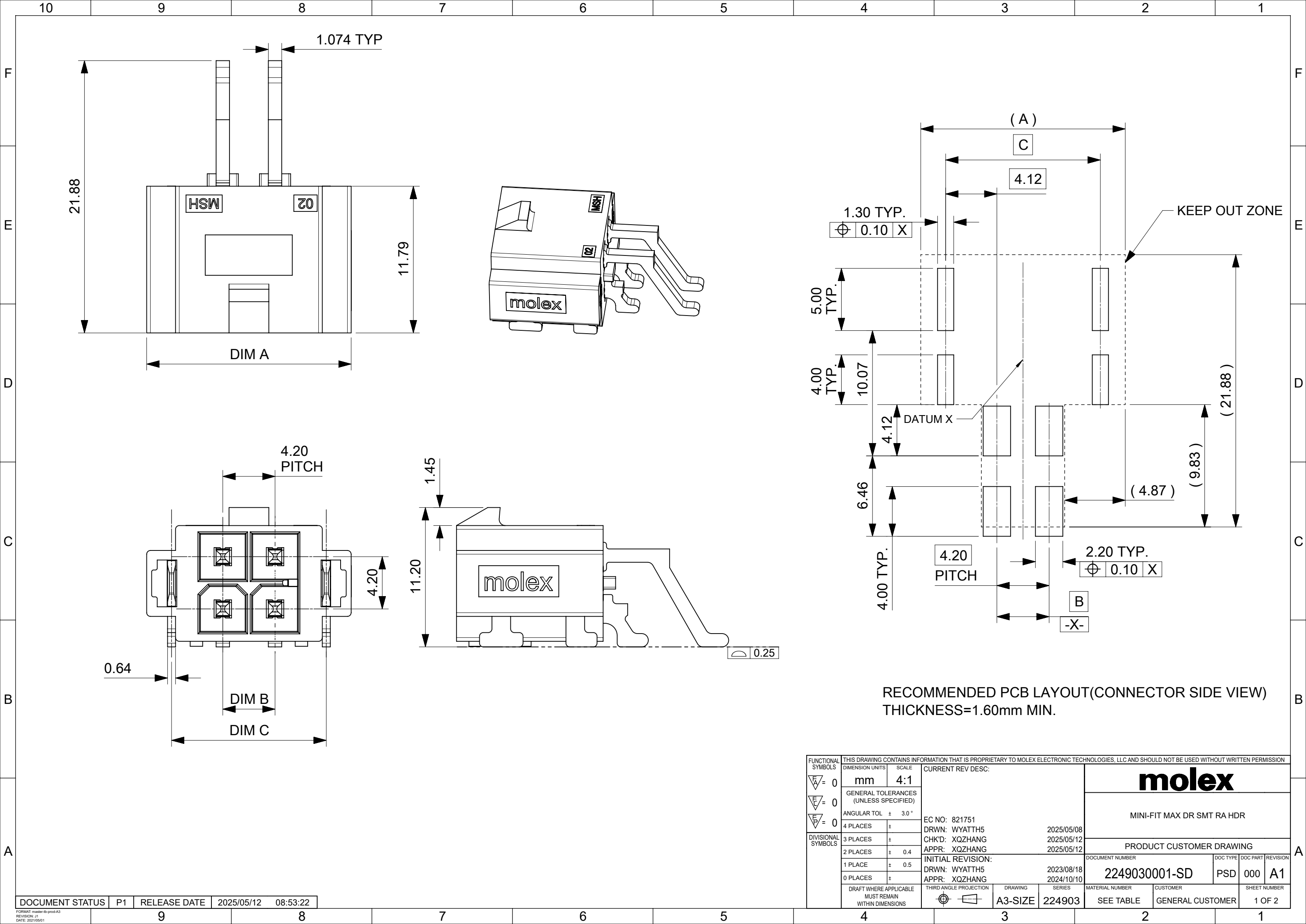


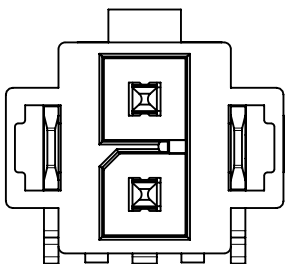


RECOMMENDED PCB LAYOUT(CONNECTOR SIDE VIEW)
THICKNESS=1.60mm MIN.

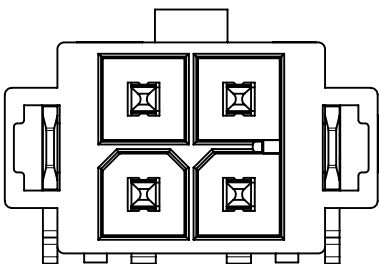
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex					
	mm		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 821751 DRWN: WYATTH52025/05/08 CHK'D: XQZHANG2025/05/12 APPR: XQZHANG2025/05/12 INITIAL REVISION: DRWN: WYATTH52023/08/18 APPR: XQZHANG2024/10/10					MINI-FIT MAX DR SMT RA HDR
ANGULAR TOL ± 3.0 °															
DIVISIONAL SYMBOLS	4 PLACES		±		PRODUCT CUSTOMER DRAWING										
	3 PLACES		±												
	2 PLACES		± 0.4		DOCUMENT NUMBER				DOC TYPE						DOC PART
	1 PLACE		± 0.5		2249030001-SD				PSD	000	A1				
	0 PLACES		±		MATERIAL NUMBER				CUSTOMER		SHEET NUMBER				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE TABLE		GENERAL CUSTOMER		1 OF 2
							A3-SIZE		224903						

DOCUMENT STATUS	P1	RELEASE DATE	2025/05/12	08:53:22
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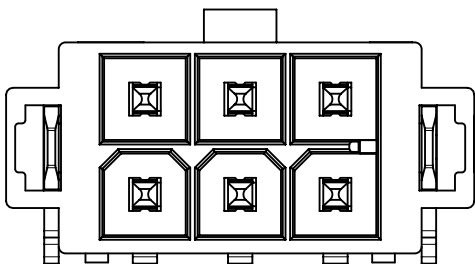
FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01



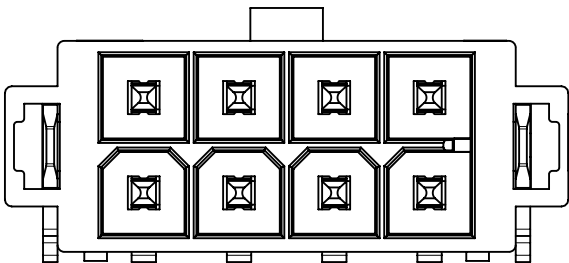
2CKT



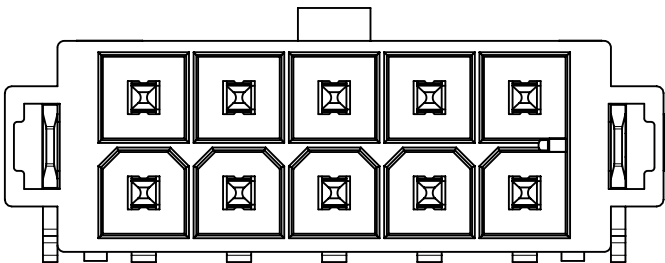
4CKT



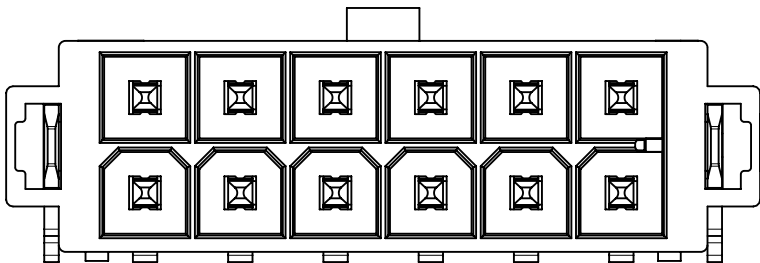
6CKT



8CKT



10CKT



12CKT

- NOTES:
- 1. MATERIAL:
HOUSING: LCP, UL94V-0, BLACK;
TERMINAL: COPPER ALLOY.
 - 2. FINISH (PLATING PER ES-88):
TERMINAL: (197) 0.00152 MIN REFLOWED MATTE TIN OVER
0.00127 MIN NICKEL OVERALL.
SOLDER NAIL: TIN 2.5 MICRONS MINIMUM;
UNDER PLATING NICKEL 1.25 MICRONS MINIMUM.
 - 3. PRODUCT SPECIFICATION 2125150000-PS.
 - 4. PARTS TO BE PACKAGED PER 2249031000-PK.
 - 5. PART MATES WITH MOLEX PART NUMBER 212514 SERIES.
 - 6. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF
COSMETIC SPECIFICATION PS-45499-002.
 - 7.TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT
LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

CKT SIZE	ASSEMBLY HEADER			DIM-A	DIM-B	DIM-C
	PART NUMBER	PLATING CODE	COLOR			
2	224903-1002	197	BLACK	12.24	/	8.24
4	224903-1004			16.44	4.20	12.44
6	224903-1006			20.64	8.40	16.64
8	224903-1008			24.84	12.60	20.84
10	224903-1010			29.04	16.80	25.04
12	224903-1012			33.24	21.00	29.24

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