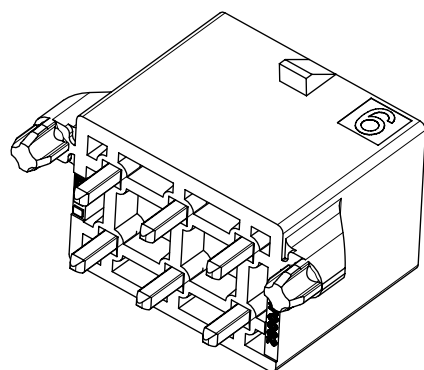
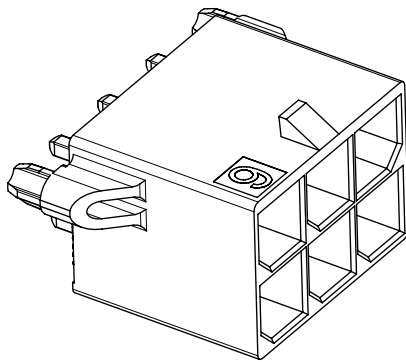
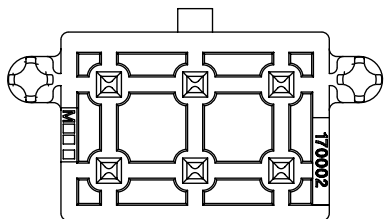
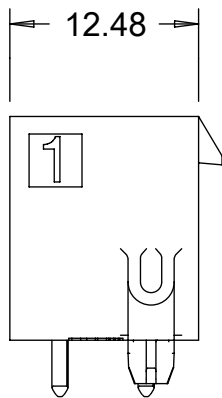
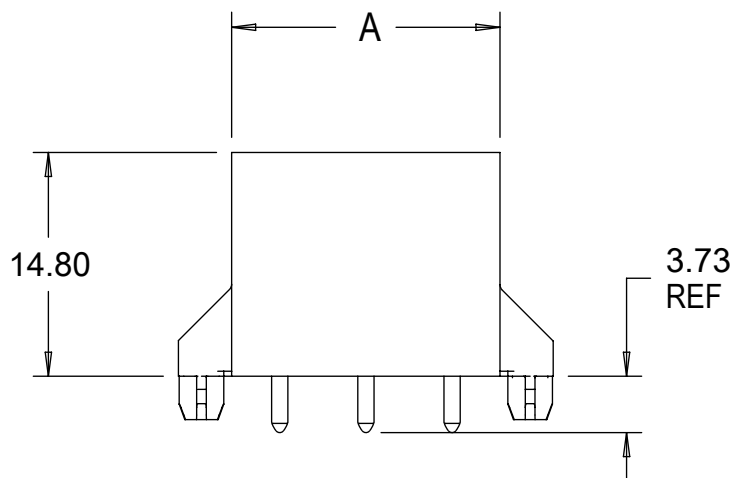
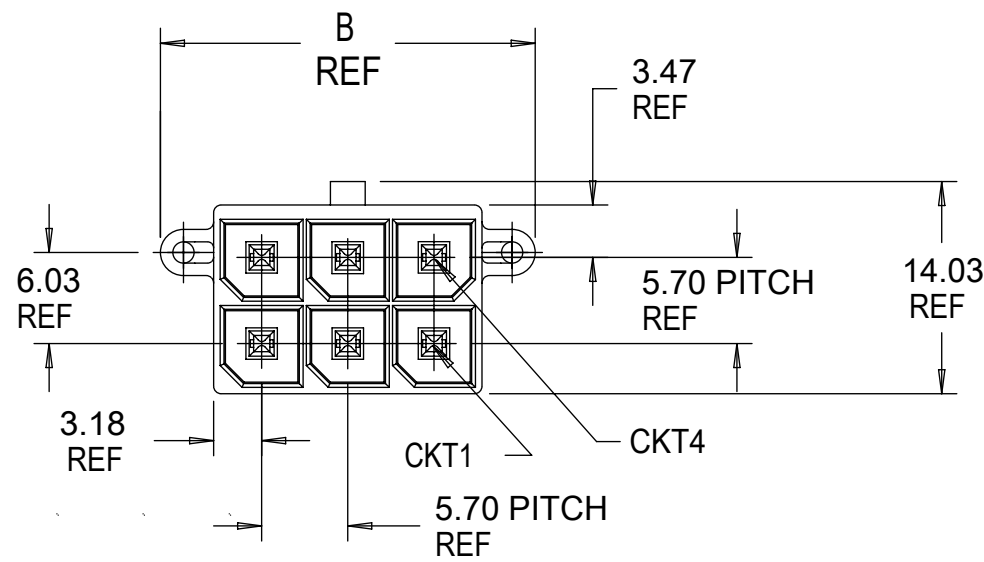




76829-0006 SHOWN

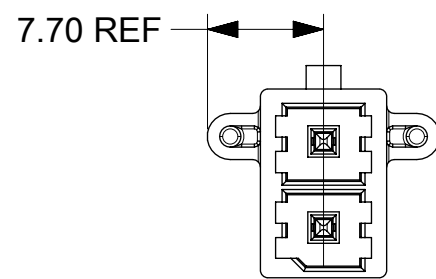
NOTES:

1. MATERIAL:
HOUSING: LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION,
COLOR: SEE CHART.
TERMINAL: HIGH CONDUCTIVITY COPPER.
2. TERMINAL PLATING:
(TIN) 1.52 MICROMETER /(60 MICROINCH) MIN REFLOWED MATTE TIN OVER
1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL.
(15 GOLD) 0.38 MICROMETER /(15 MICROINCH) MIN SELECT GOLD ON CONTACT AREA
2.54 MICROMETER /(100 MICROINCH) MIN SELECT MATTE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL
(30 GOLD) 0.76 MICROMETER /(30 MICROINCH) MIN SELECT GOLD ON CONTACT AREA
2.54 MICROMETER /(100 MICROINCH) MIN SELECT MATTE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL
3. PRODUCT SPECIFICATION PS-76823-100, 1720631000-PS
4. BLACK PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
NON-BLACK PART MATES WITH MOLEX PART NUMBER 224983 SERIES.
5. PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-31301-976, WHILE T&R WITHOUT KAPTON IS 1720650900,
6. APPLICATION SPECIFICATION: AS-76823-100, 768232000-AS
7. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

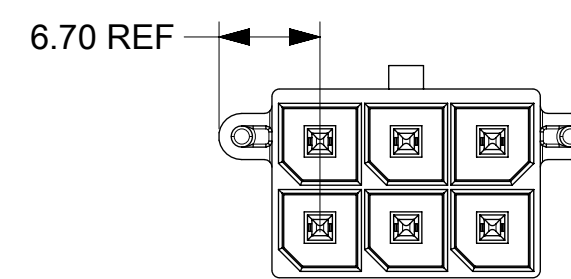
MODEL: 768290000

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
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MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
		MM	INCH	EC NO: 811742 DRWN: WYATTH5 2025/02/04 CHK'D: XQZHANG 2025/02/10 APPR: XQZHANG 2025/02/10			MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH				
4 PLACES	±		±								
3 PLACES	±		±								
2 PLACES	±	0.4	±								
1 PLACE	±	0.5	±								
0 PLACES	±		±	INITIAL REVISION:			PRODUCT CUSTOMER DRAWING				
ANGULAR TOL ± 3.0 °				DRWN: DRAWN BY 0099/99/99			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				APPR: APPR BY 0099/99/99			SD-76829-0100		PSD	000	E2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						C-SIZE	76829			GENERAL MARKET	1 OF 4

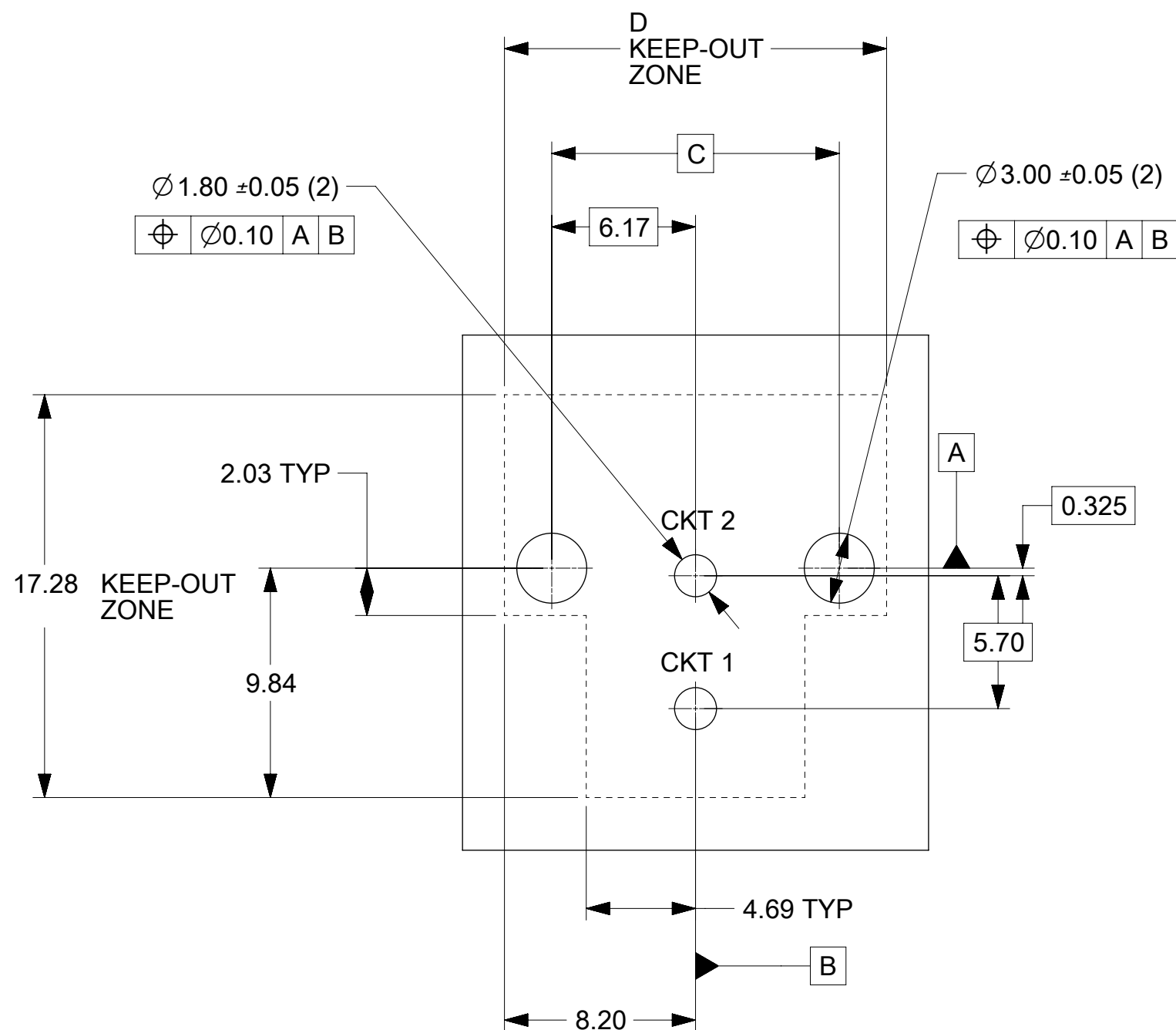
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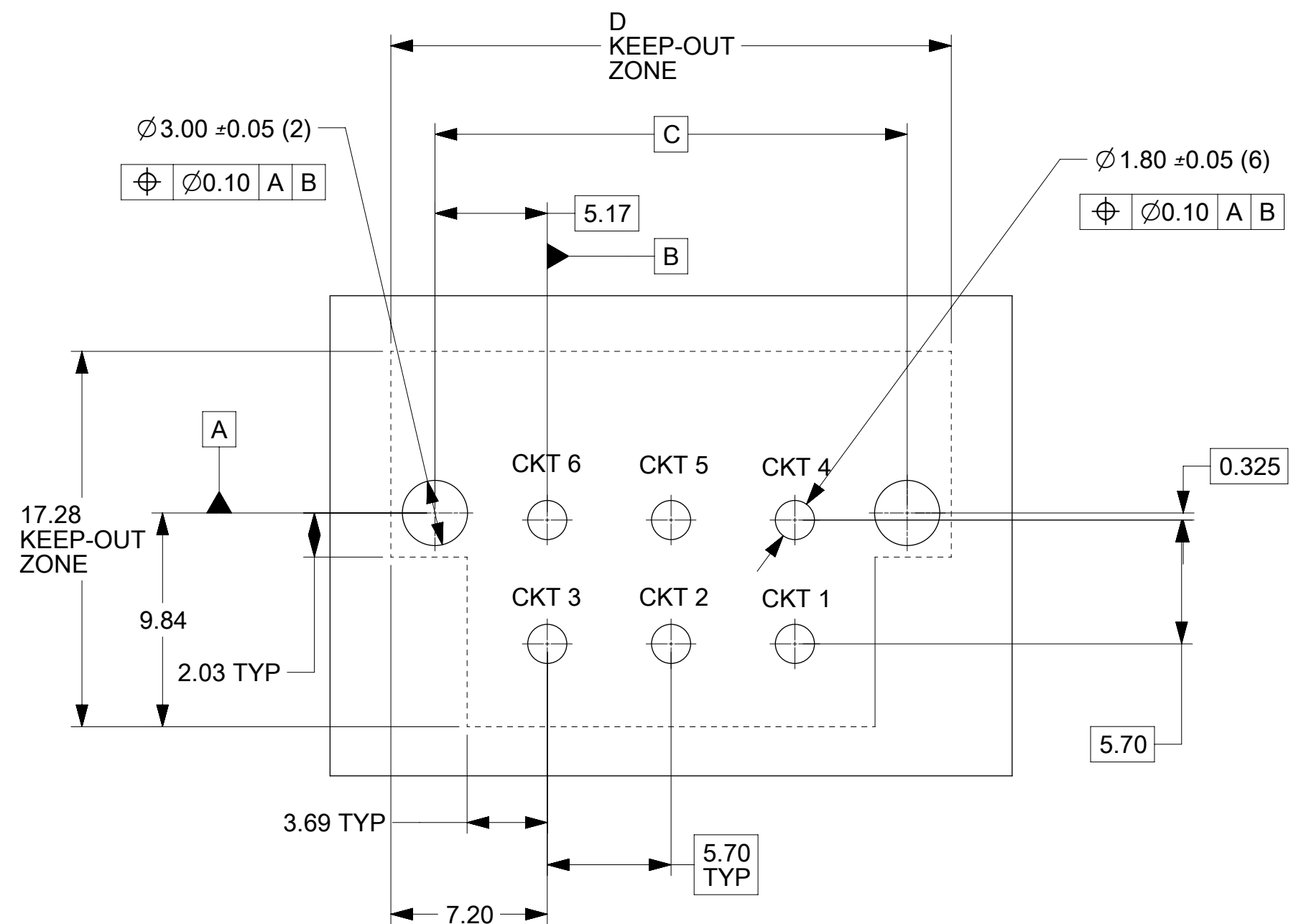
2 CKT



4-12 CKT

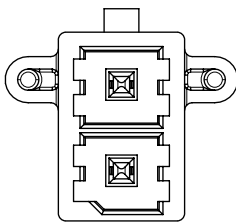
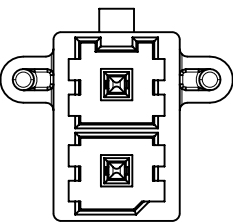
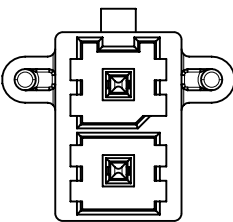
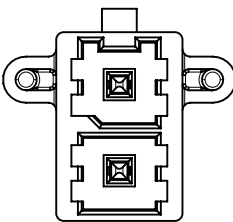
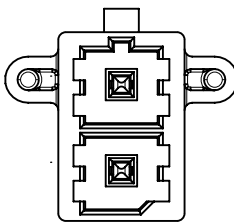
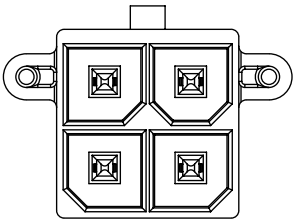
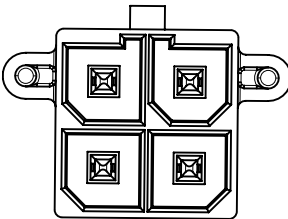
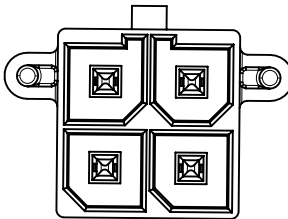
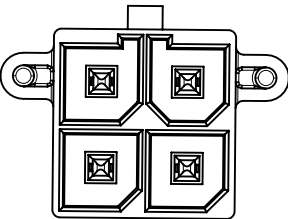
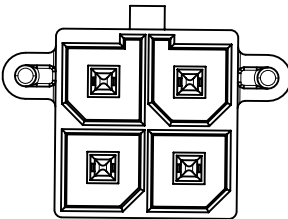
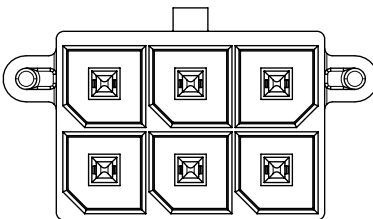
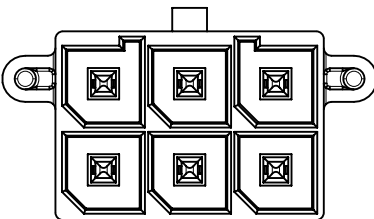
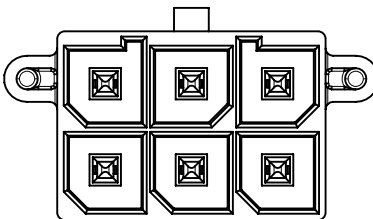
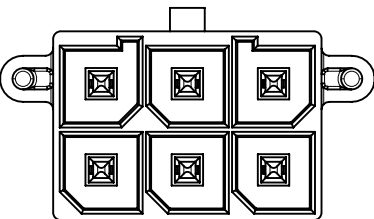
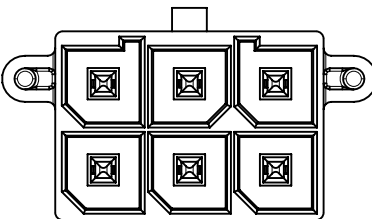
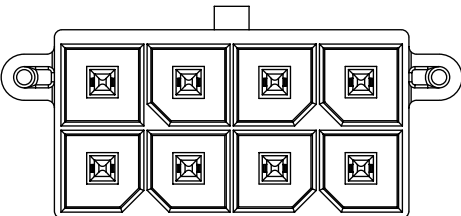
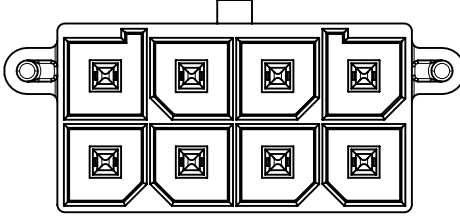
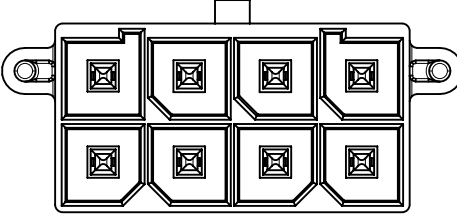
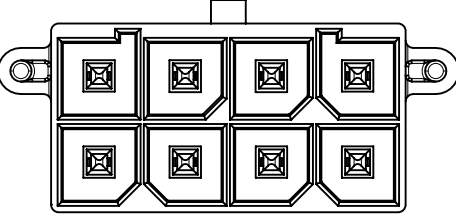
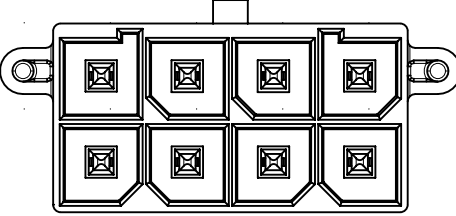
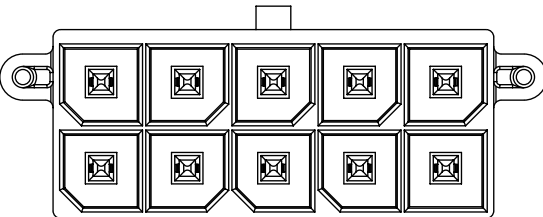
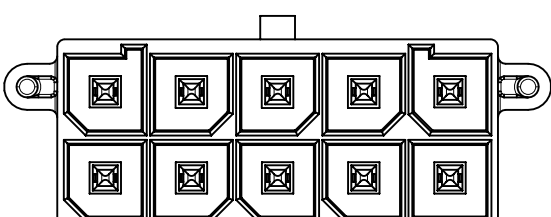
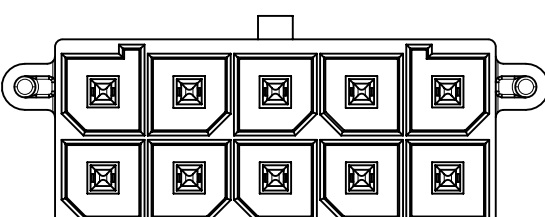
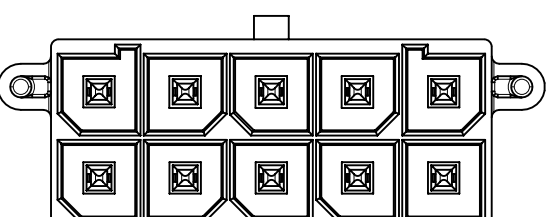
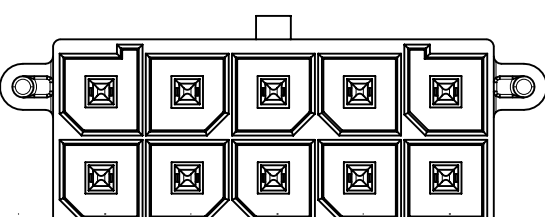
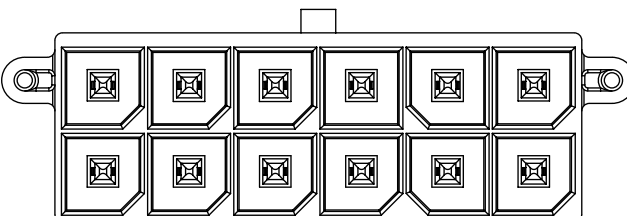
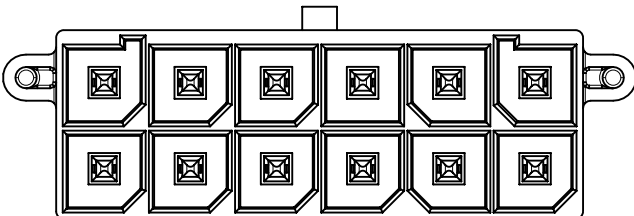
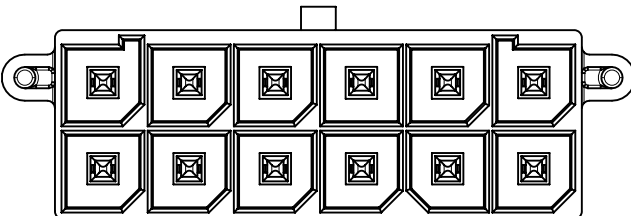
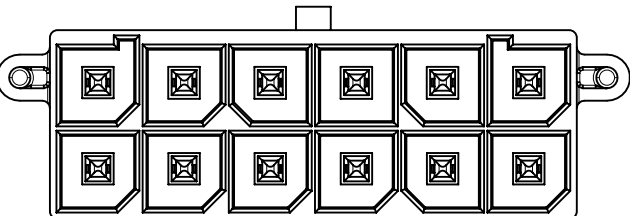
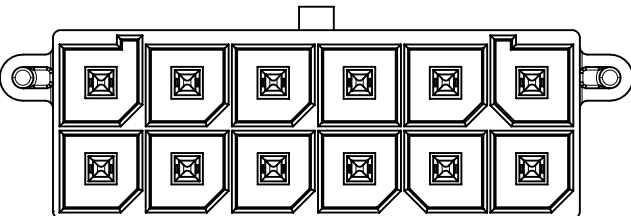


PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN TO
2.36 MM/.093 IN



PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN TO
2.36 MM/.093 IN

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		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
	MM	INCH						MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH							
4 PLACES	±	±													
3 PLACES	±	±													
2 PLACES	±	0.4	±												
1 PLACE	±	0.5	±												
0 PLACES	±	±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
ANGULAR TOL		±	3.0 °												
EC NO: 811742 DRWN: WYATTH5 CHK'D: XQZHANG APPR: XQZHANG				2025/02/04 2025/02/10 2025/02/10		PRODUCT CUSTOMER DRAWING									
						SD-76829-0100									
DRWN: DRAWN BY				0099/99/99		0099/99/99									
APPR: APPR BY				0099/99/99		0099/99/99									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		76829				GENERAL MARKET		2 OF 4	

	12	11	10	9	8	7	6	5	4	3	2	1
H	CKT	POLARIZATION-BLACK	POLARIZATION-NATURAL	POLARIZATION-RED	POLARIZATION-BLUE	POLARIZATION-YELLOW						
	2 CKT											
G	4 CKT											
F	6 CKT											
E	8 CKT											
D	10 CKT											
C	12 CKT											
B												

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DIMENSION UNITS		SCALE		CURRENT REV DESC:			
MM		NTS					
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 811742 DRWN: WYATTH5 CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: DRAWN BY APPR: APPR BY			
	MM		INCH				
4 PLACES	±		±				
3 PLACES	±		±				
2 PLACES	±	0.4	±				
1 PLACE	±	0.5	±				
0 PLACES	±		±				
ANGULAR TOL		±	3.0 °	THIRD ANGLE PROJECTION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
				DRAWING		SERIES	
				C-SIZE		76829	

molex			
MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-76829-0100		PSD	000
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
		GENERAL MARKET	3 OF 4

12

11

10

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1

DOCUMENT STATUS

P1

RELEASE DATE

2025/02/10

03:45:50

12

11

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3

2

1

FORMAT: Engage-master-to-ym-c

REVISION: E1

DATE: 2025/02/01

