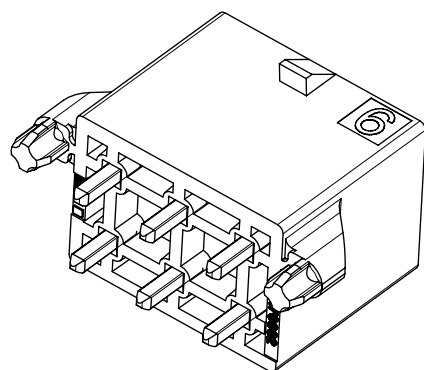
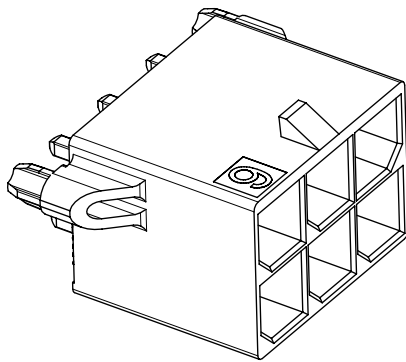
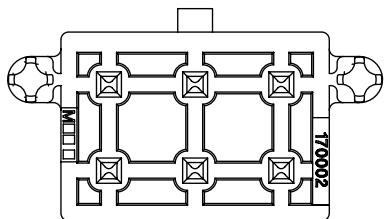
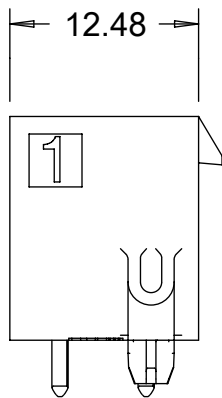
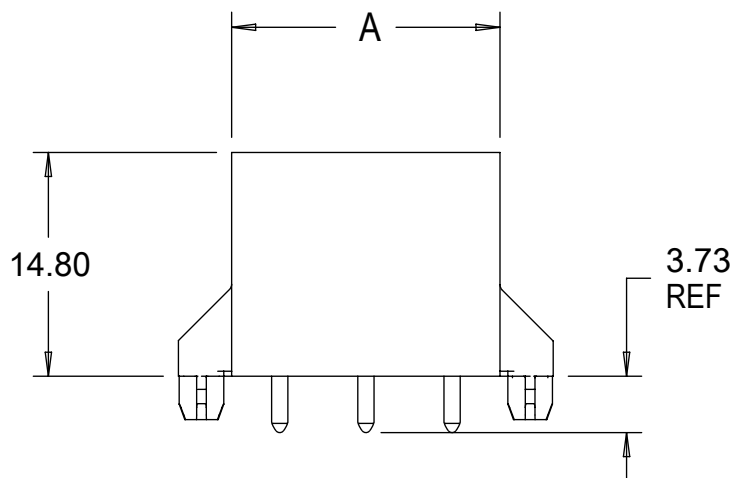
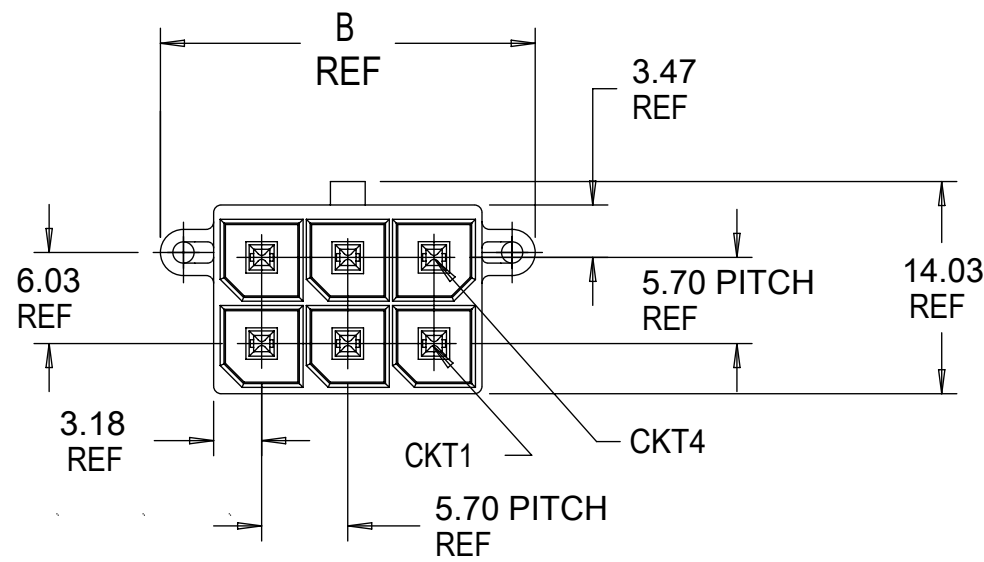




76829-0006 SHOWN

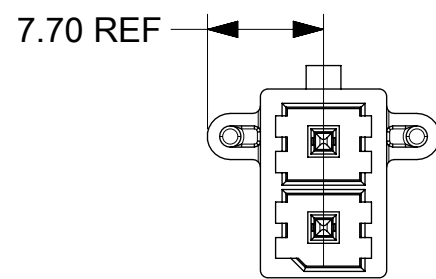
NOTES:

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.

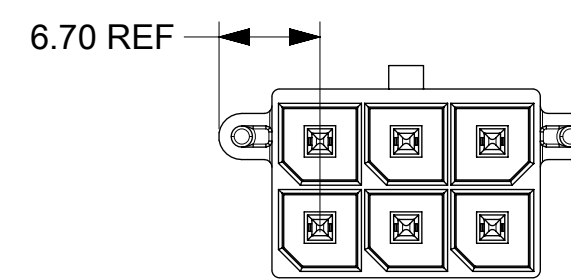
MODEL: 768290000

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

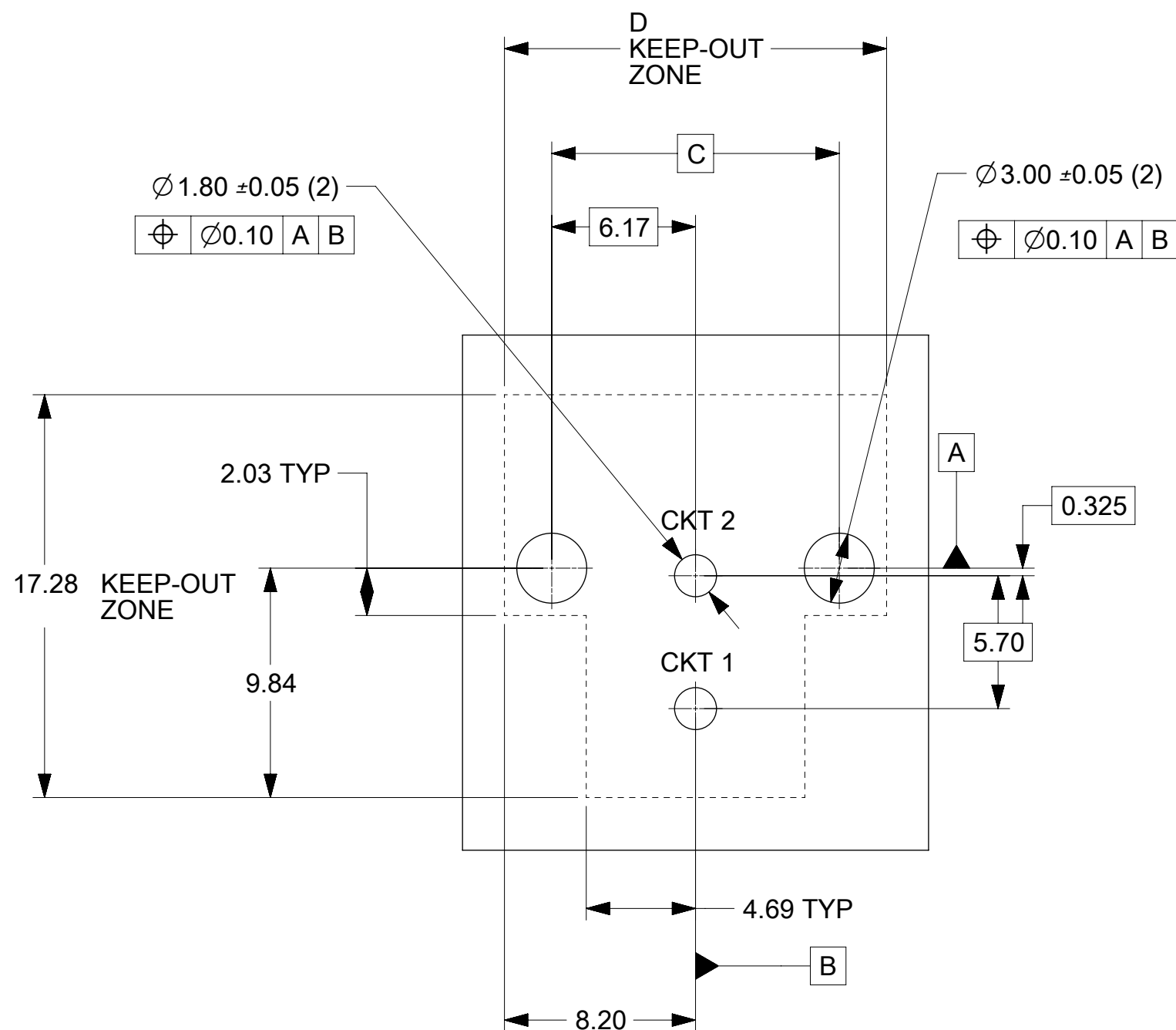
DOCUMENT STATUS	P1	RELEASE DATE	2025/02/10	03:45:50
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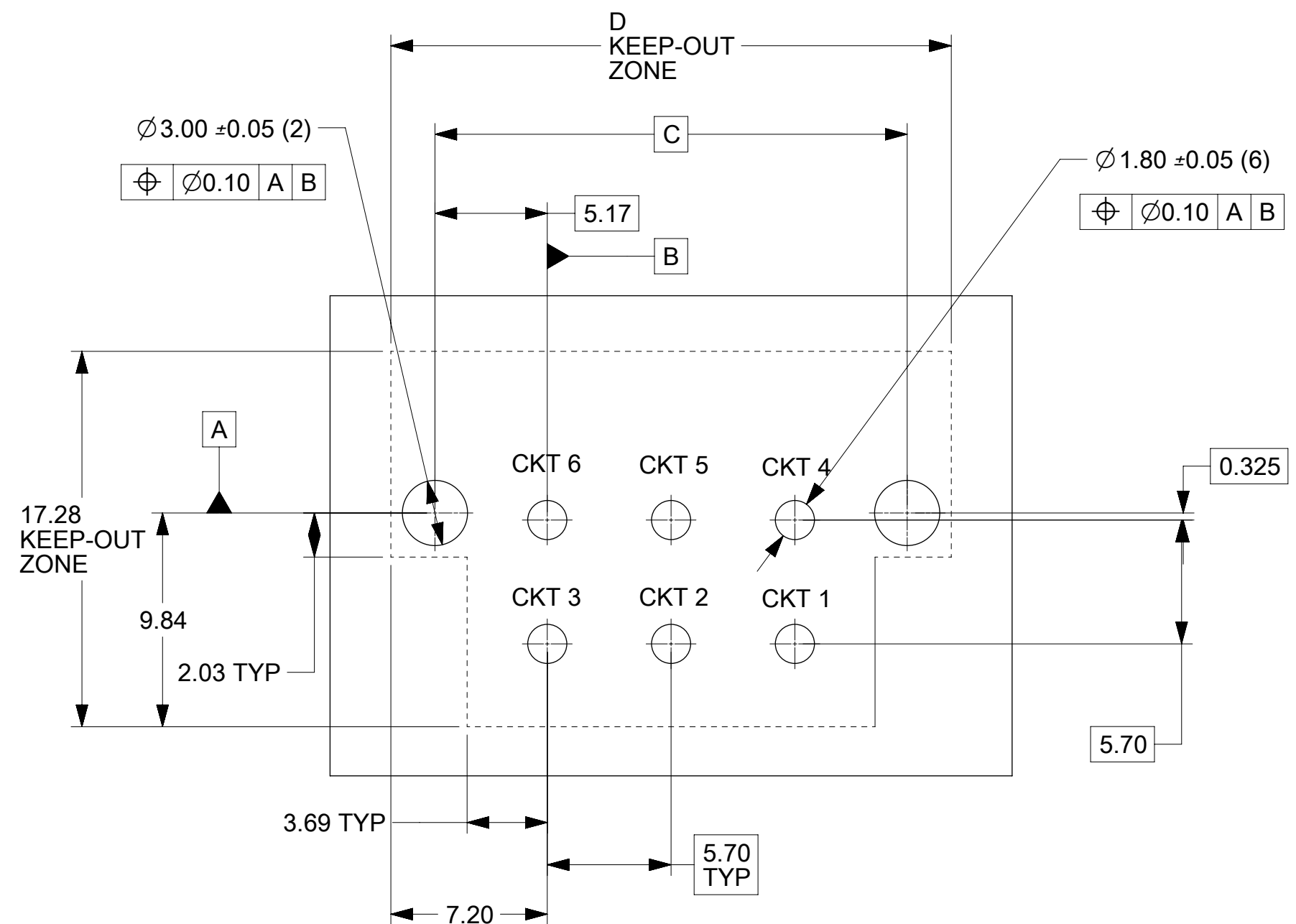
2 CKT



4-12 CKT

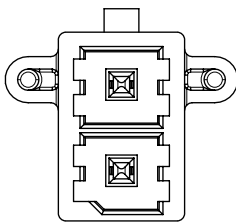
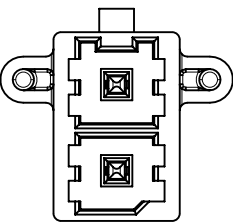
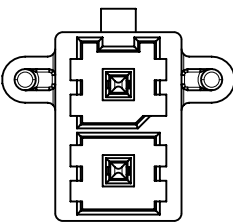
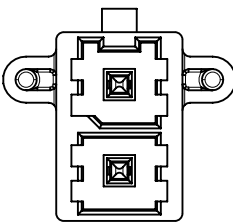
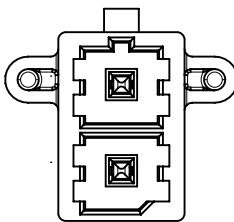
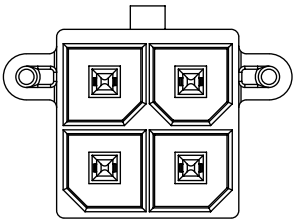
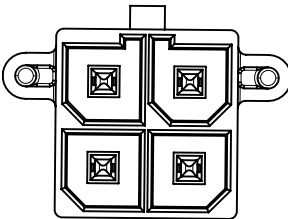
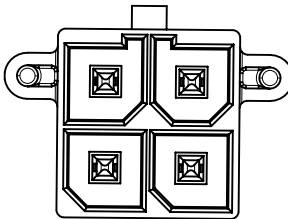
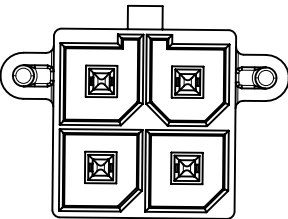
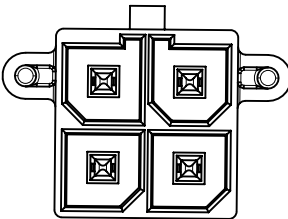
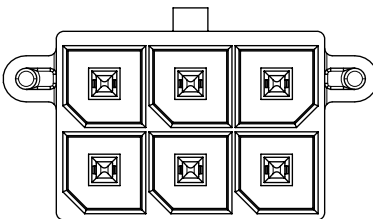
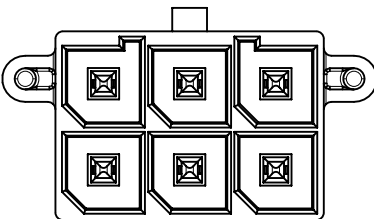
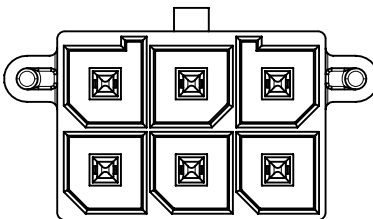
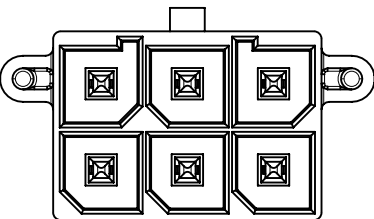
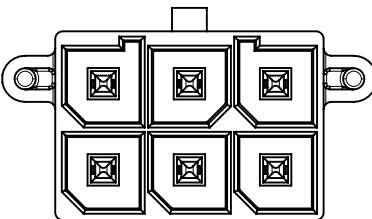
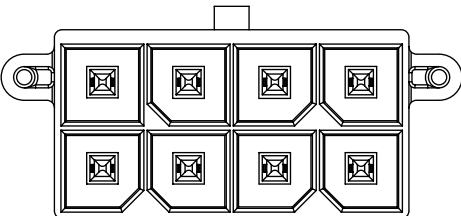
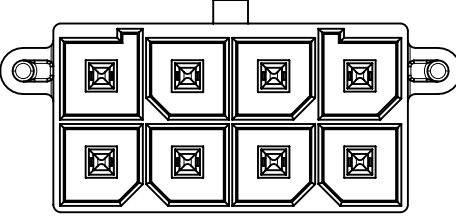
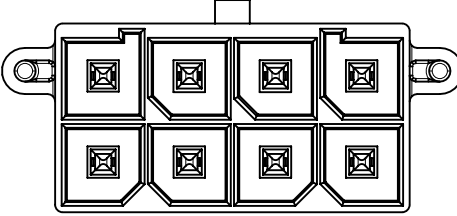
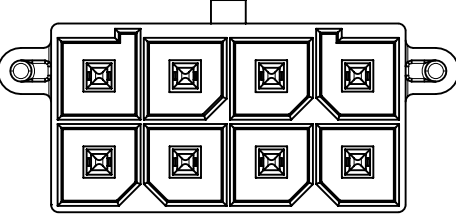
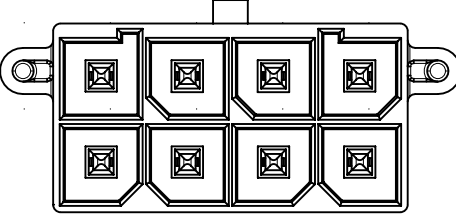
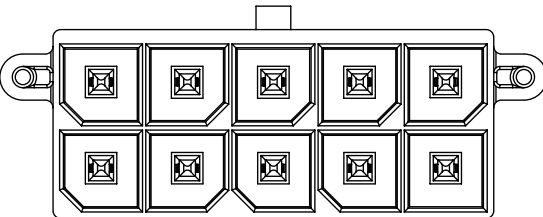
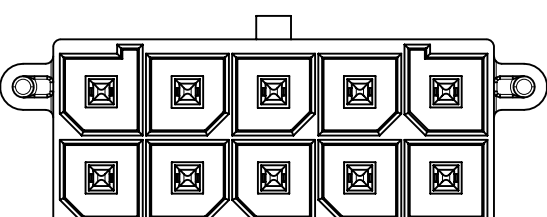
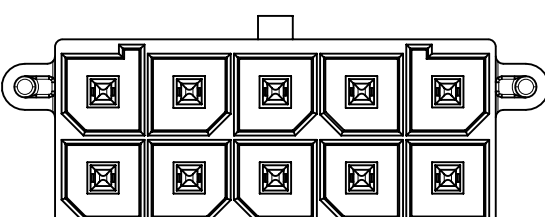
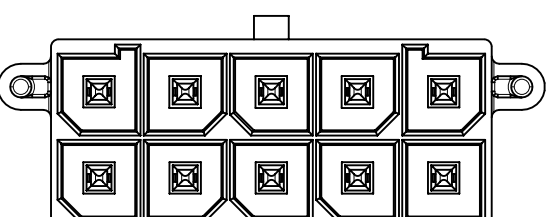
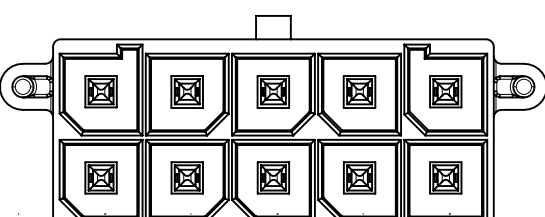
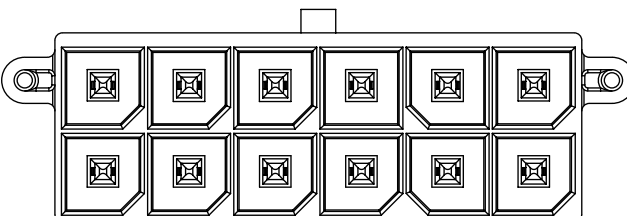
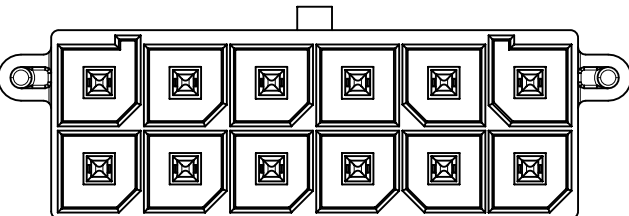
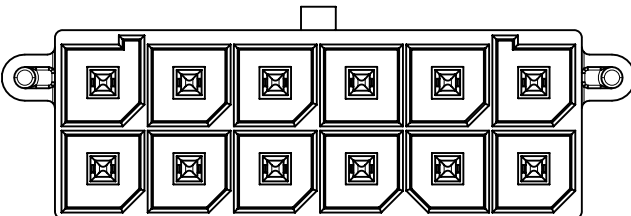
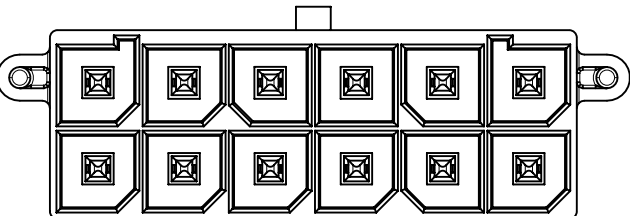
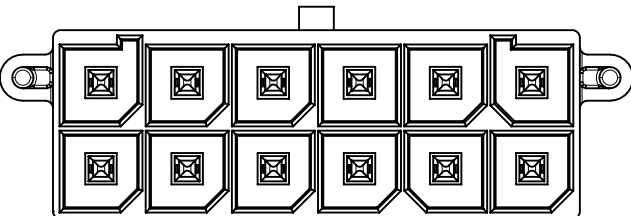


PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN TO
2.36 MM/.093 IN



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													
4 PLACES		±		±	EC NO: 811742 DRWN: WYATTH5 CHK'D: XQZHANG APPR: XQZHANG 2025/02/04 2025/02/10 2025/02/10				MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH						
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 °												
DRWN: DRAWN BY					0099/99/99				SD-76829-0100		PSD	000	E2		
APPR: APPR BY					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
CKT	POLARIZATION-BLACK	POLARIZATION-NATURAL	POLARIZATION-RED	POLARIZATION-BLUE	POLARIZATION-YELLOW						
2 CKT											
4 CKT											
6 CKT											
8 CKT											
10 CKT											
12 CKT											

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DIMENSION UNITS

MM

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.4	±
1 PLACE	± 0.5	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 811742
DRWN: WYATTH5
CHK'D: XQZHANG
APPR: XQZHANG

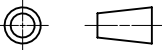
2025/02/04
2025/02/10
2025/02/10

INITIAL REVISION:

DRWN: DRAWN BY
APPR: APPR BY

0099/99/99
0099/99/99

THIRD ANGLE PROJECTION



DRAWING
C-SIZE

SERIES
76829



MEGA-FIT VERTICAL HEADER
VERTICAL HEADER ASSY 2-12 CKT TOP LATCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-76829-0100	PSD	000	E2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2025/02/10	03:45:50
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12

11

10

9

8

7

6

5

4

3

2

1

FORMAT: Engage-master-to-ym-c
REVISION: E1
DATE: 2025/02/01

12

11

10

9

8

7

6

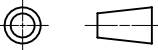
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4

3

2

1

H	12		11		10		9		8		7		6		5		4		3		2		1					
	CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C BASIC	DIM D	PK SPEC	HEADER COLOR		CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C BASIC	DIM D	PK SPEC	HEADER COLOR									
	2	76829-0002	TIN	8.35	15.39	12.34	16.40	TRAY	BLACK	2	76829-0902	TIN	8.35	15.39	12.34	16.40	TAPE&REEL WITHOUT KAPTON	BLACK										
	4	76829-0004	TIN	12.05	19.09	16.04	20.10			4	76829-0904	TIN	12.05	19.09	16.04	20.10												
	6	76829-0006	TIN	17.75	24.79	21.74	25.80			6	76829-0906	TIN	17.75	24.79	21.74	25.80												
	8	76829-0008	TIN	23.45	30.49	27.44	31.50			8	76829-0908	TIN	23.45	30.49	27.44	31.50												
	10	76829-0010	TIN	29.15	36.19	33.14	37.20			10	76829-0910	TIN	29.15	36.19	33.14	37.20												
	12	76829-0012	TIN	34.85	41.89	38.84	42.90			12	76829-0912	TIN	34.85	41.89	38.84	42.90												
	2	172065-0002	15 GOLD	8.35	15.39	12.34	16.40			2	172065-0902	15 GOLD	8.35	15.39	12.34	16.40												
	4	172065-0004	15 GOLD	12.05	19.09	16.04	20.10			4	172065-0904	15 GOLD	12.05	19.09	16.04	20.10												
	6	172065-0006	15 GOLD	17.75	24.79	21.74	25.80			6	172065-0906	15 GOLD	17.75	24.79	21.74	25.80												
	8	172065-0008	15 GOLD	23.45	30.49	27.44	31.50			8	172065-0908	15 GOLD	23.45	30.49	27.44	31.50												
	10	172065-0010	15 GOLD	29.15	36.19	33.14	37.20			10	172065-0910	15 GOLD	29.15	36.19	33.14	37.20												
	12	172065-0012	15 GOLD	34.85	41.89	38.84	42.90			12	172065-0912	15 GOLD	34.85	41.89	38.84	42.90												
2	172065-1002	30 GOLD	8.35	15.39	12.34	16.40	2			172065-1902	30 GOLD	8.35	15.39	12.34	16.40													
4	172065-1004	30 GOLD	12.05	19.09	16.04	20.10	4			172065-1904	30 GOLD	12.05	19.09	16.04	20.10													
6	172065-1006	30 GOLD	17.75	24.79	21.74	25.80	6	172065-1906	30 GOLD	17.75	24.79	21.74	25.80															
8	172065-1008	30 GOLD	23.45	30.49	27.44	31.50	8	172065-1908	30 GOLD	23.45	30.49	27.44	31.50															
10	172065-1010	30 GOLD	29.15	36.19	33.14	37.20	10	172065-1910	30 GOLD	29.15	36.19	33.14	37.20															
12	172065-1012	30 GOLD	34.85	41.89	38.84	42.90	12	172065-1912	30 GOLD	34.85	41.89	38.84	42.90															
F	2	76829-0702	TIN	8.35	15.39	12.34	16.40	TAPE&REEL WITH KAPTON	BLACK	2	172065-0702	15 GOLD	8.35	15.39	12.34	16.40												
	4	76829-0704	TIN	12.05	19.09	16.04	20.10			4	172065-0704	15 GOLD	12.05	19.09	16.04	20.10												
	6	76829-0706	TIN	17.75	24.79	21.74	25.80			6	172065-0706	15 GOLD	17.75	24.79	21.74	25.80												
	8	76829-0708	TIN	23.45	30.49	27.44	31.50			8	172065-0708	15 GOLD	23.45	30.49	27.44	31.50												
	10	76829-0710	TIN	29.15	36.19	33.14	37.20			10	172065-0710	15 GOLD	29.15	36.19	33.14	37.20												
	12	76829-0712	TIN	34.85	41.89	38.84	42.90			12	172065-0712	15 GOLD	34.85	41.89	38.84	42.90												
	2	172065-0702	15 GOLD	8.35	15.39	12.34	16.40			2	172065-1702	30 GOLD	8.35	15.39	12.34	16.40												
	4	172065-0704	15 GOLD	12.05	19.09	16.04	20.10			4	172065-1704	30 GOLD	12.05	19.09	16.04	20.10												
	6	172065-0706	15 GOLD	17.75	24.79	21.74	25.80			6	172065-1706	30 GOLD	17.75	24.79	21.74	25.80												
	8	172065-0708	15 GOLD	23.45	30.49	27.44	31.50			8	172065-1708	30 GOLD	23.45	30.49	27.44	31.50												
	10	172065-0710	15 GOLD	29.15	36.19	33.14	37.20			10	172065-1710	30 GOLD	29.15	36.19	33.14	37.20												
	12	172065-0712	15 GOLD	34.85	41.89	38.84	42.90			12	172065-1712	30 GOLD	34.85	41.89	38.84	42.90												
E	2	172065-2002	TIN	8.35	15.39	12.34	16.40	TRAY	NATURAL	2	172065-3002	15 GOLD	8.35	15.39	12.34	16.40												
	4	172065-2004		15 GOLD	12.05	19.09	16.04			20.10	4	172065-3004	15 GOLD	12.05	19.09	16.04	20.10											
	6	172065-2006		15 GOLD	17.75	24.79	21.74			25.80	6	172065-3006	15 GOLD	17.75	24.79	21.74	25.80											
	8	172065-2008		15 GOLD	23.45	30.49	27.44			31.50	8	172065-3008	15 GOLD	23.45	30.49	27.44	31.50											
	10	172065-2010		15 GOLD	29.15	36.19	33.14			37.20	10	172065-3010	15 GOLD	29.15	36.19	33.14	37.20											
	12	172065-2012		15 GOLD	34.85	41.89	38.84			42.90	12	172065-3012	15 GOLD	34.85	41.89	38.84	42.90											
	2	172065-3002		15 GOLD	8.35	15.39	12.34		16.40	RED	2	172065-4002	15 GOLD	8.35	15.39	12.34	16.40											
	4	172065-3004		15 GOLD	12.05	19.09	16.04		20.10		4	172065-4004	15 GOLD	12.05	19.09	16.04	20.10											
	6	172065-3006		15 GOLD	17.75	24.79	21.74		25.80		6	172065-4006	15 GOLD	17.75	24.79	21.74	25.80											
	8	172065-3008		15 GOLD	23.45	30.49	27.44		31.50		8	172065-4008	15 GOLD	23.45	30.49	27.44	31.50											
	10	172065-3010		15 GOLD	29.15	36.19	33.14		37.20		10	172065-4010	15 GOLD	29.15	36.19	33.14	37.20											
	12	172065-3012		15 GOLD	34.85	41.89	38.84		42.90		12	172065-4012	15 GOLD	34.85	41.89	38.84	42.90											
	2	172065-4002		15 GOLD	8.35	15.39	12.34		16.40	BLUE	2	172065-5002	15 GOLD	8.35	15.39	12.34	16.40											
	4	172065-4004		15 GOLD	12.05	19.09	16.04		20.10		4	172065-5004	15 GOLD	12.05	19.09	16.04	20.10											
6	172065-4006	15 GOLD	17.75	24.79	21.74	25.80	6	172065-5006	15 GOLD		17.75	24.79	21.74	25.80														
8	172065-4008	15 GOLD	23.45	30.49	27.44	31.50	8	172065-5008	15 GOLD		23.45	30.49	27.44	31.50														
10	172065-4010	15 GOLD	29.15	36.19	33.14	37.20	10	172065-5010	15 GOLD		29.15	36.19	33.14	37.20														
12	172065-4012	15 GOLD	34.85	41.89	38.84	42.90	12	172065-5012	15 GOLD		34.85	41.89	38.84	42.90														
C	2	172065-5002	TIN	8.35	15.39	12.34	16.40	TRAY	YELLOW	2	172065-5002	15 GOLD	8.35	15.39	12.34	16.40												
	4	172065-5004		15 GOLD	12.05	19.09	16.04			20.10	4	172065-5004	15 GOLD	12.05	19.09	16.04	20.10											
	6	172065-5006		15 GOLD	17.75	24.79	21.74			25.80	6	172065-5006	15 GOLD	17.75	24.79	21.74	25.80											
	8	172065-5008		15 GOLD	23.45	30.49	27.44			31.50	8	172065-5008	15 GOLD	23.45	30.49	27.44	31.50											
	10	172065-5010		15 GOLD	29.15	36.19	33.14			37.20	10	172065-5010	15 GOLD	29.15	36.19	33.14	37.20											
	12	172065-5012		15 GOLD	34.85	41.89	38.84			42.90	12	172065-5012	15 GOLD	34.85	41.89	38.84	42.90											
	B	A		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:																			
				GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 811742 DRWN: WYATTH5 2025/02/04 CHK'D: XQZHANG APPR: XQZHANG 2025/02/10 INITIAL REVISION: DRWN: DRAWN BY 0099/99/99 APPR: APPR BY 0099/99/99										MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH									
						INCH													PRODUCT CUSTOMER DRAWING									
				4 PLACES		±													DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
				3 PLACES		±													SD-76829-0100				PSD		000		E2	
				2 PLACES		± 0.4																	MATERIAL NUMBER		CUSTOMER			
				1 PLACE		± 0.5									GENERAL MARKET				4 OF 4									
0 PLACES			±																									
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION										DRAWING		SERIES												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														C-SIZE		76829												
DOCUMENT STATUS			P1		RELEASE DATE		2025/02/10 03:45:50		MODEL: 768290000																			
12			11		10		9		8		7		6		5		4		3		2		1					
12			11		10		9		8		7		6		5		4		3		2		1					
12		11		10		9		8		7		6		5		4		3		2		1						