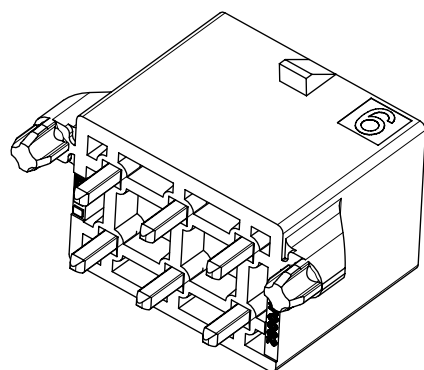
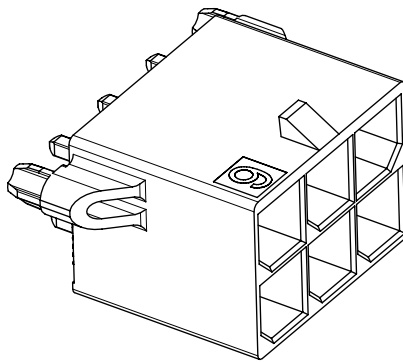
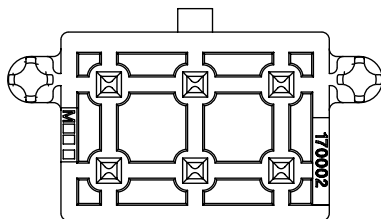
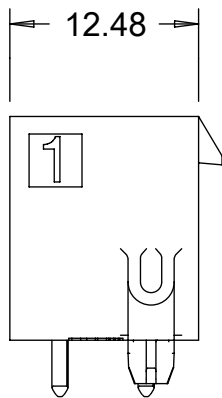
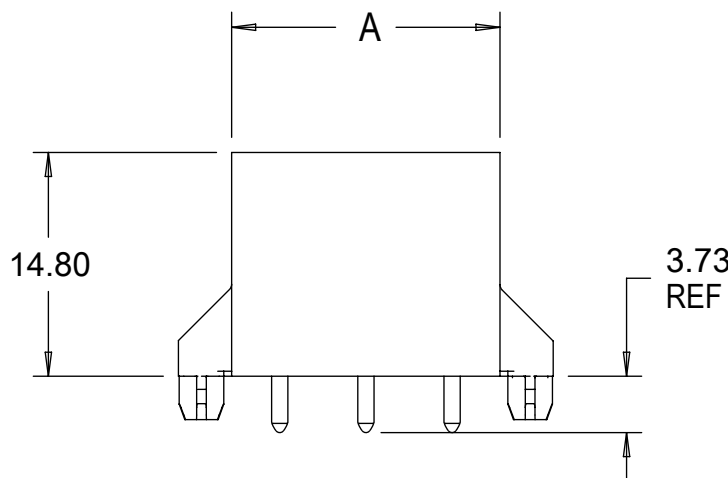
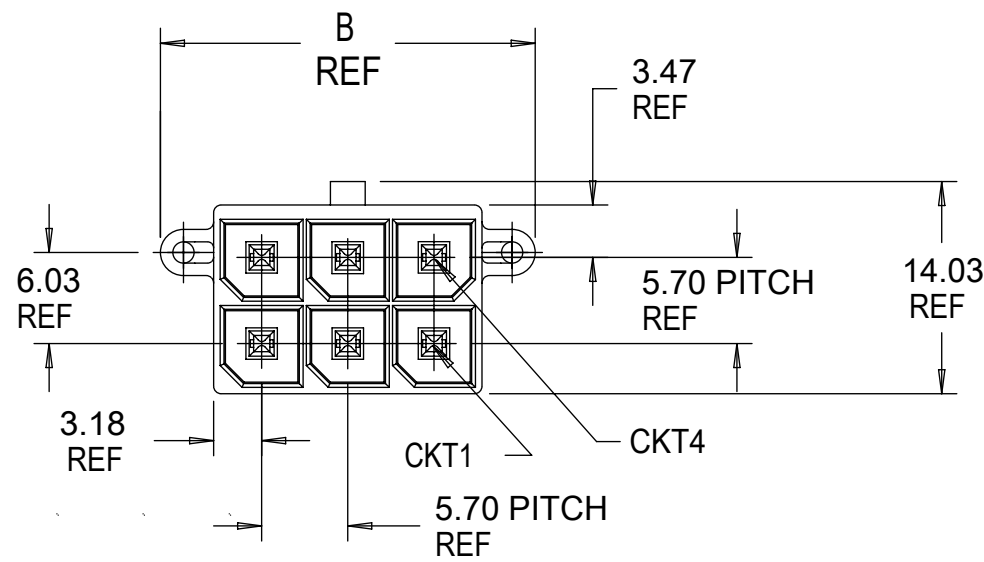




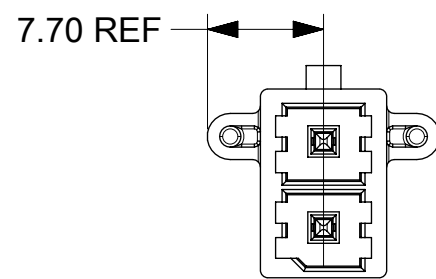
76829-0006 SHOWN

NOTES:

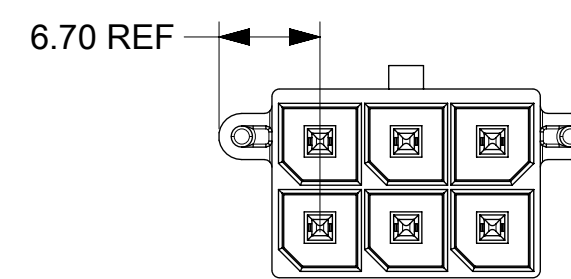
1. MATERIAL:
HOUSING: LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION,
COLOR: SEE CHART.
TERMINAL: HIGH CONDUCTIVITY COPPER.
2. TERMINAL PLATING:
(TIN) 1.52 MICROMETER /(60 MICROINCH) MIN REFLOWED MATTE TIN OVER
1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL.
(15 GOLD) 0.38 MICROMETER /(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

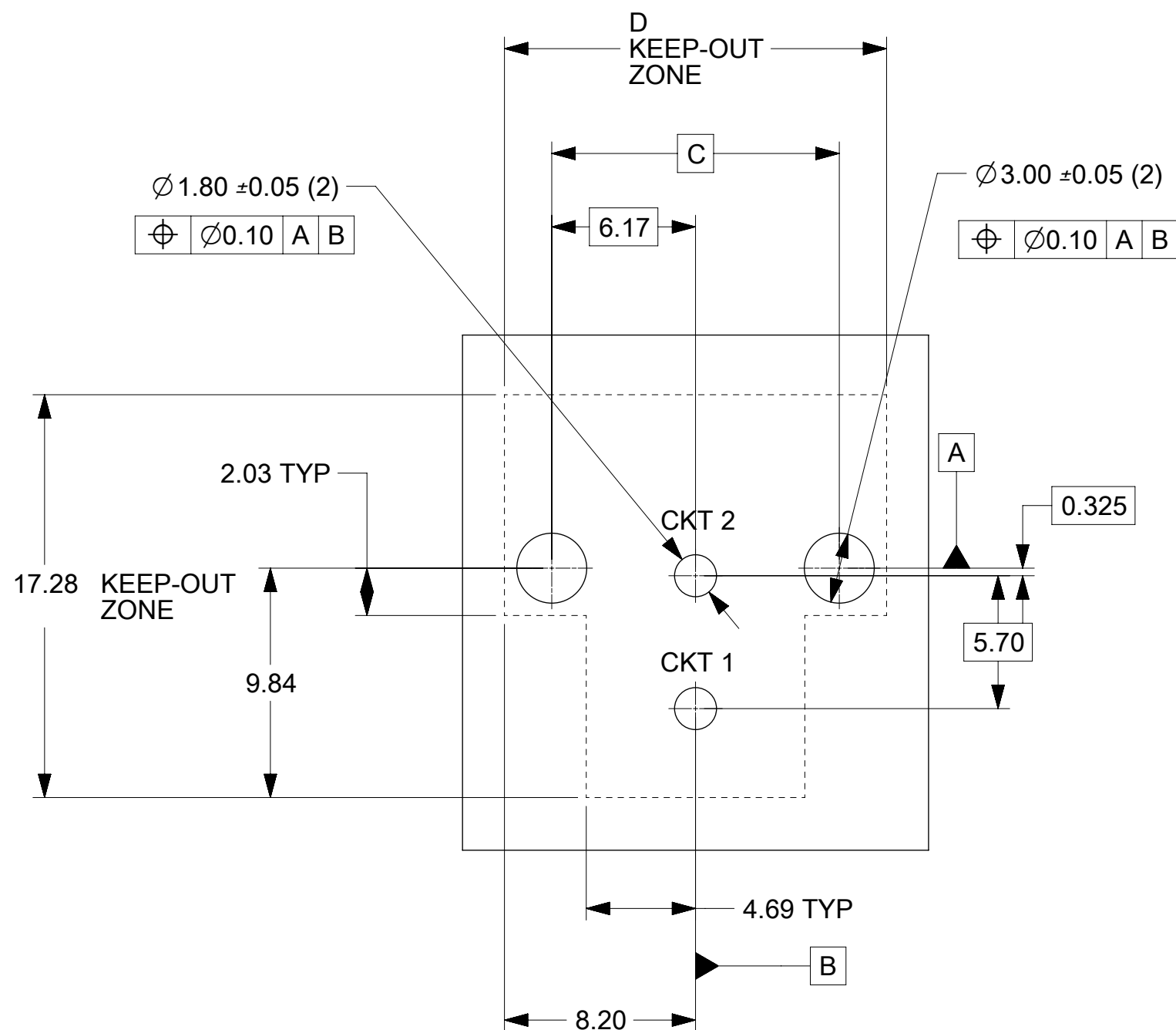
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)								MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH							
MM		INCH													
4 PLACES	±		±	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				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 °															
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	



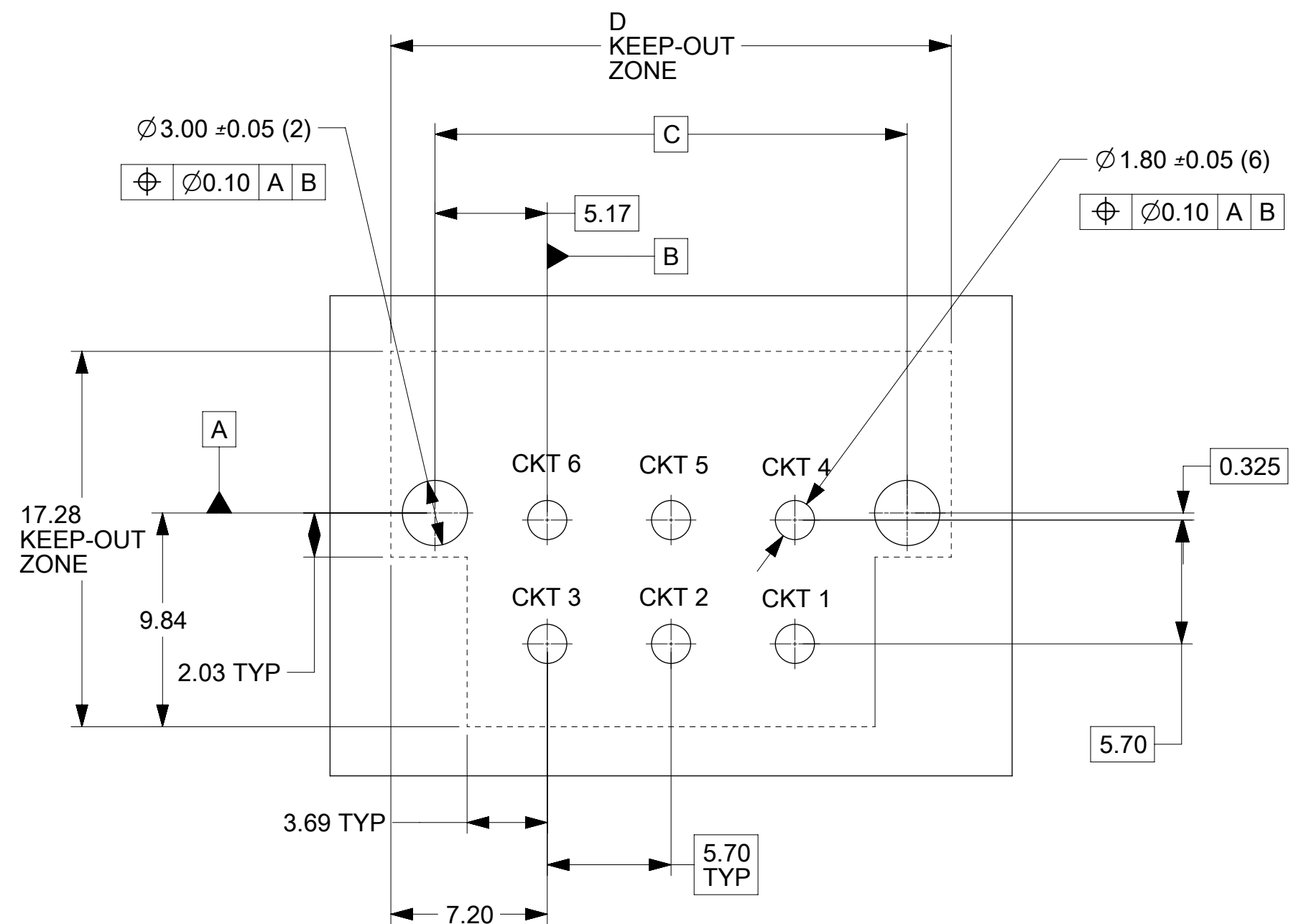
2 CKT



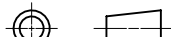
4-12 CKT



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																																																																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS MM SCALE NTS GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td></tr><tr><td>2 PLACES</td><td>± 0.4</td><td>±</td></tr><tr><td>1 PLACE</td><td>± 0.5</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td>ANGULAR TOL</td><td>± 3.0 °</td><td></td></tr></table> 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 DOCUMENT NUMBER SD-76829-0100 DOC TYPE PSD DOC PART 000 REVISION E2 MATERIAL NUMBER CUSTOMER SHEET NUMBER GENERAL MARKET 3 OF 4 DOCUMENT STATUS P1 RELEASE DATE 2025/02/10 03:45:50 <tr><td colspan="2">12</td><td colspan="2">11</td><td colspan="2">10</td><td colspan="2">9</td><td colspan="2">8</td><td colspan="2">7</td><td colspan="2">6</td><td colspan="2">5</td><td colspan="2">4</td><td colspan="2">3</td><td colspan="2">2</td><td colspan="2">1</td></tr>																									MM	INCH	4 PLACES	±	±	3 PLACES	±	±	2 PLACES	± 0.4	±	1 PLACE	± 0.5	±	0 PLACES	±	±	ANGULAR TOL	± 3.0 °		12		11		10		9		8		7		6		5		4		3		2		1	
	MM	INCH																																																																		
4 PLACES	±	±																																																																		
3 PLACES	±	±																																																																		
2 PLACES	± 0.4	±																																																																		
1 PLACE	± 0.5	±																																																																		
0 PLACES	±	±																																																																		
ANGULAR TOL	± 3.0 °																																																																			
12		11		10		9		8		7		6		5		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							
	2		76829-0002		TIN		8.35		15.39		12.34		16.40		TRAY	BLACK								
	4		76829-0004		TIN		12.05		19.09		16.04		20.10											
	6		76829-0006		TIN		17.75		24.79		21.74		25.80											
	8		76829-0008		TIN		23.45		30.49		27.44		31.50											
	10		76829-0010		TIN		29.15		36.19		33.14		37.20											
	12		76829-0012		TIN		34.85		41.89		38.84		42.90											
	2		172065-0002		15 GOLD		8.35		15.39		12.34		16.40											
	4		172065-0004		15 GOLD		12.05		19.09		16.04		20.10											
	6		172065-0006		15 GOLD		17.75		24.79		21.74		25.80											
	8		172065-0008		15 GOLD		23.45		30.49		27.44		31.50											
	10		172065-0010		15 GOLD		29.15		36.19		33.14		37.20											
	12		172065-0012		15 GOLD		34.85		41.89		38.84		42.90											
2		172065-1002		30 GOLD		8.35		15.39		12.34		16.40												
4		172065-1004		30 GOLD		12.05		19.09		16.04		20.10												
6		172065-1006		30 GOLD		17.75		24.79		21.74		25.80												
8		172065-1008		30 GOLD		23.45		30.49		27.44		31.50												
10		172065-1010		30 GOLD		29.15		36.19		33.14		37.20												
12		172065-1012		30 GOLD		34.85		41.89		38.84		42.90												

CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C BASIC	DIM D	PK SPEC	HEADER COLOR
2	172065-2002	TIN	8.35	15.39	12.34	16.40	TRAY	NATURAL
4	172065-2004		12.05	19.09	16.04	20.10		
6	172065-2006		17.75	24.79	21.74	25.80		
8	172065-2008		23.45	30.49	27.44	31.50		
10	172065-2010		29.15	36.19	33.14	37.20		
12	172065-2012		34.85	41.89	38.84	42.90		
2	172065-3002		8.35	15.39	12.34	16.40		RED
4	172065-3004		12.05	19.09	16.04	20.10		
6	172065-3006		17.75	24.79	21.74	25.80		
8	172065-3008		23.45	30.49	27.44	31.50		
10	172065-3010		29.15	36.19	33.14	37.20		
12	172065-3012		34.85	41.89	38.84	42.90		
2	172065-4002		8.35	15.39	12.34	16.40		BLUE
4	172065-4004		12.05	19.09	16.04	20.10		
6	172065-4006	17.75	24.79	21.74	25.80			
8	172065-4008	23.45	30.49	27.44	31.50			
10	172065-4010	29.15	36.19	33.14	37.20			
12	172065-4012	34.85	41.89	38.84	42.90			
2	172065-5002	8.35	15.39	12.34	16.40	YELLOW		
4	172065-5004	12.05	19.09	16.04	20.10			
6	172065-5006	17.75	24.79	21.74	25.80			
8	172065-5008	23.45	30.49	27.44	31.50			
10	172065-5010	29.15	36.19	33.14	37.20			
12	172065-5012	34.85	41.89	38.84	42.90			

CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C BASIC	DIM D	PK SPEC	HEADER COLOR
2	76829-0902	TIN	8.35	15.39	12.34	16.40	TAPE&REEL WITHOUT KAPTON	BLACK
4	76829-0904	TIN	12.05	19.09	16.04	20.10		
6	76829-0906	TIN	17.75	24.79	21.74	25.80		
8	76829-0908	TIN	23.45	30.49	27.44	31.50		
10	76829-0910	TIN	29.15	36.19	33.14	37.20		
12	76829-0912	TIN	34.85	41.89	38.84	42.90		
2	172065-0902	15 GOLD	8.35	15.39	12.34	16.40		
4	172065-0904	15 GOLD	12.05	19.09	16.04	20.10		
6	172065-0906	15 GOLD	17.75	24.79	21.74	25.80		
8	172065-0908	15 GOLD	23.45	30.49	27.44	31.50		
10	172065-0910	15 GOLD	29.15	36.19	33.14	37.20		
12	172065-0912	15 GOLD	34.85	41.89	38.84	42.90		
2	172065-1902	30 GOLD	8.35	15.39	12.34	16.40		
4	172065-1904	30 GOLD	12.05	19.09	16.04	20.10		
6	172065-1906	30 GOLD	17.75	24.79	21.74	25.80		
8	172065-1908	30 GOLD	23.45	30.49	27.44	31.50		
10	172065-1910	30 GOLD	29.15	36.19	33.14	37.20		
12	172065-1912	30 GOLD	34.85	41.89	38.84	42.90		
2	76829-0702	TIN	8.35	15.39	12.34	16.40	TAPE&REEL WITH KAPTON	
4	76829-0704	TIN	12.05	19.09	16.04	20.10		
6	76829-0706	TIN	17.75	24.79	21.74	25.80		
8	76829-0708	TIN	23.45	30.49	27.44	31.50		
10	76829-0710	TIN	29.15	36.19	33.14	37.20		
12	76829-0712	TIN	34.85	41.89	38.84	42.90		
2	172065-0702	15 GOLD	8.35	15.39	12.34	16.40		
4	172065-0704	15 GOLD	12.05	19.09	16.04	20.10		
6	172065-0706	15 GOLD	17.75	24.79	21.74	25.80		
8	172065-0708	15 GOLD	23.45	30.49	27.44	31.50		
10	172065-0710	15 GOLD	29.15	36.19	33.14	37.20		
12	172065-0712	15 GOLD	34.85	41.89	38.84	42.90		
2	172065-1702	30 GOLD	8.35	15.39	12.34	16.40		
4	172065-1704	30 GOLD	12.05	19.09	16.04	20.10		
6	172065-1706	30 GOLD	17.75	24.79	21.74	25.80		
8	172065-1708	30 GOLD	23.45	30.49	27.44	31.50		
10	172065-1710	30 GOLD	29.15	36.19	33.14	37.20		
12	172065-1712	30 GOLD	34.85	41.89	38.84	42.90		

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex						
MM		NTS												
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		
		MM	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		SHEET NUMBER
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
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MODEL: 768290000

12		11		10		9		8		7		6		5		4		3		2		1
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