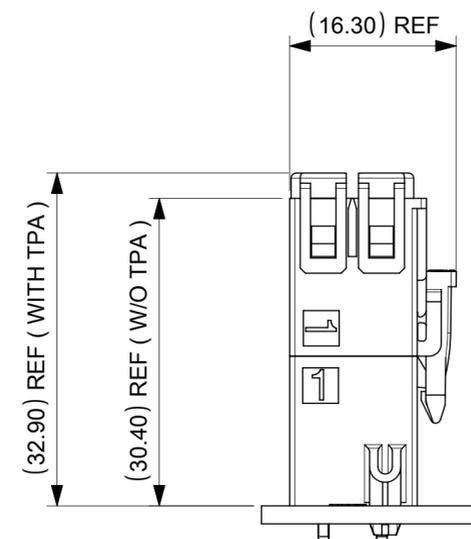


76829-0006 SHOWN



ASSEMBLY VIEW

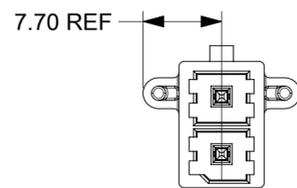
NOTES:

- MATERIAL:**
HOUSING: LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, COLOR: SEE CHART.
TERMINAL: HIGH CONDUCTIVITY COPPER.
- 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
- PRODUCT SPECIFICATION PS-76823-100, 1720631000-PS**
- BLACK PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.**
- PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-31301-976, WHILE T&R WITHOUT KAPTON IS 1720650900, T&R WITH KAPTON IS 1720659000.**
- APPLICATION SPECIFICATION: AS-76823-100, 768232000-AS**
- PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.**

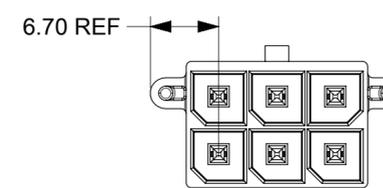
MODEL: 768290000

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:					
MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 841087		2025/05/15		MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH	
				DRWN: JERRYW8		2025/11/25			
4 PLACES ±				CHK'D: XQZHANG		2025/11/25		PRODUCT CUSTOMER DRAWING	
3 PLACES ±				APPR: XQZHANG		2025/11/25			
2 PLACES ± 0.4				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.5				DRWN: DRAWN BY		0099/99/99		SD-76829-0100	
0 PLACES ±				APPR: APPR BY		0099/99/99		DOC TYPE DOC PART REVISION	
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION		DRAWING SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE 76829		GENERAL MARKET 1 OF 4	

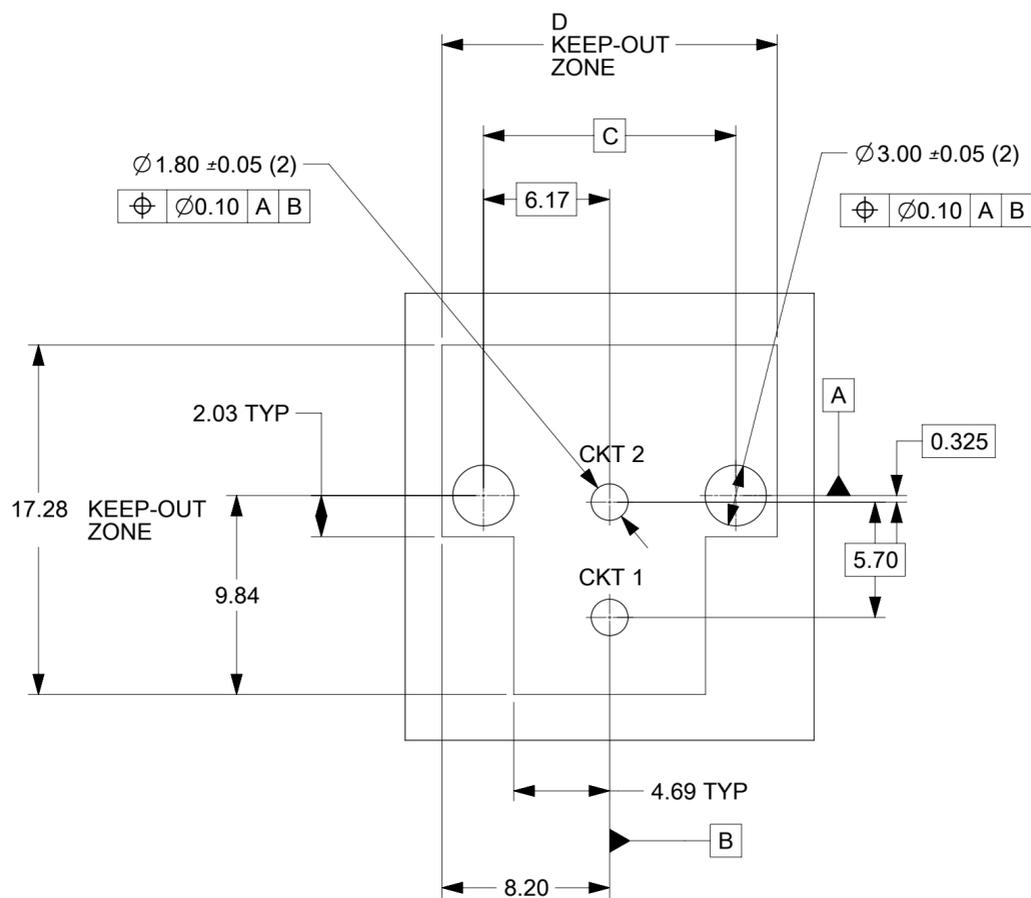
DOCUMENT STATUS	P1	RELEASE DATE	2025/11/25	04:40:56
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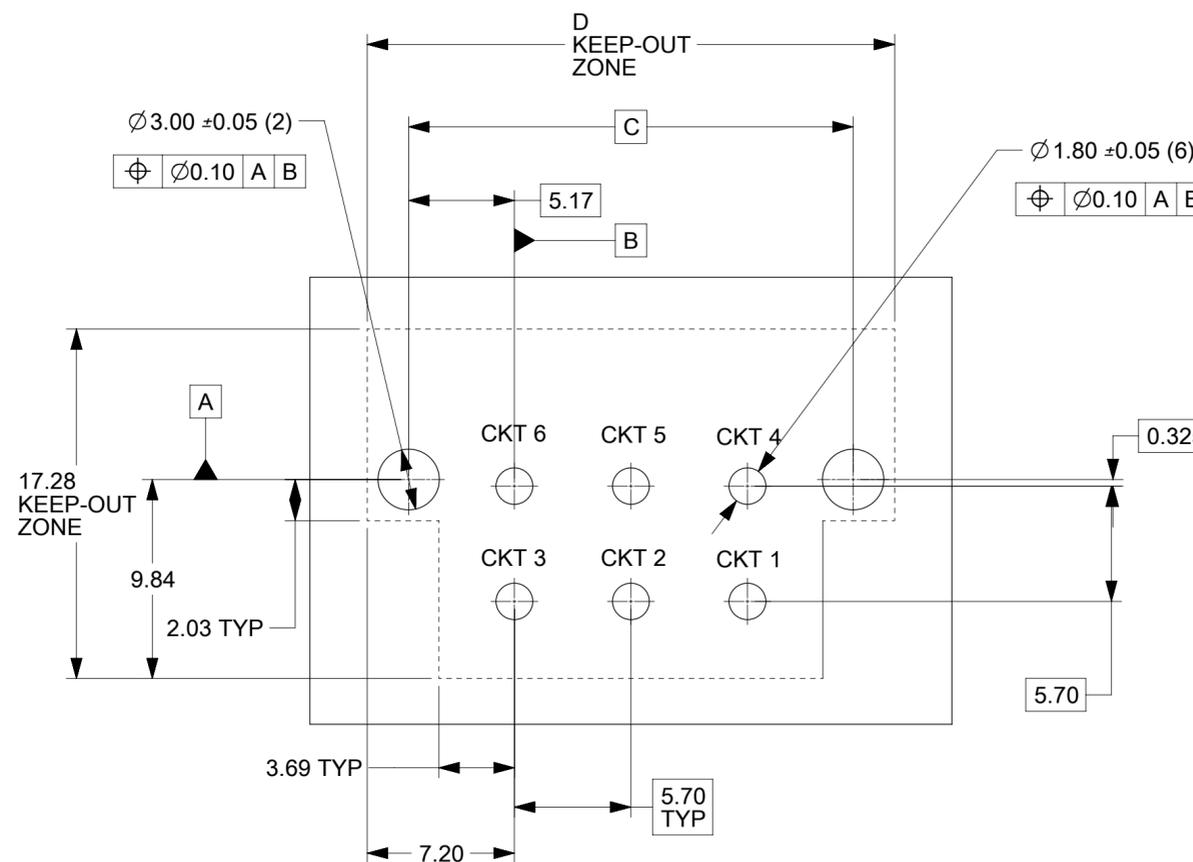
2 CKT



4-12 CKT

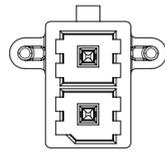


PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN TO
2.36 MM/.093 IN

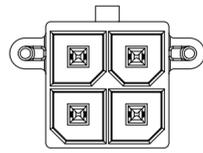


PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN TO
2.36 MM/.093 IN

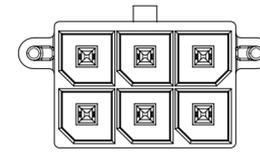
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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MM		NTS		EC NO: 841087					
GENERAL TOLERANCES (UNLESS SPECIFIED)				DRWN: JERRYW8		2025/05/15		MEGA-FIT VERTICAL HEADER	
4 PLACES		±		CHK'D: XQZHANG		2025/11/25		VERTICAL HEADER ASSY 2-12 CKT TOP LATCH	
3 PLACES		±		APPR: XQZHANG		2025/11/25		PRODUCT CUSTOMER DRAWING	
2 PLACES		± 0.4		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
1 PLACE		± 0.5		DRWN: DRAWN BY		0099/99/99		SD-76829-0100	
0 PLACES		±		APPR: APPR BY		0099/99/99		PSD 000 E3	
ANGULAR TOL		± 3.0 °		THIRD ANGLE PROJECTION		DRAWING		MATERIAL NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		SERIES		CUSTOMER	
						76829		GENERAL MARKET	
								SHEET NUMBER	
								2 OF 4	



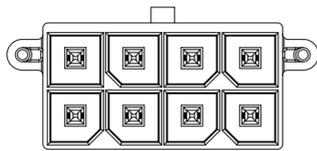
2 CKT



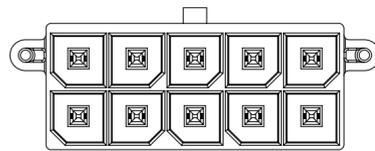
4 CKT



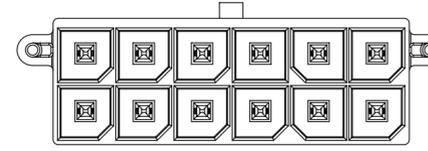
6 CKT



8 CKT



10 CKT



12 CKT

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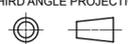
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MM		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 841087		MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH				
		MM	INCH	DRWN: JERRYW8 2025/05/15						
4 PLACES	±		±	CHK'D: XQZHANG 2025/11/25		PRODUCT CUSTOMER DRAWING				
3 PLACES	±		±	APPR: XQZHANG 2025/11/25						
2 PLACES	±	0.4	±	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE	±	0.5	±	DRWN: DRAWN BY 0099/99/99		SD-76829-0100		PSD	000	E3
0 PLACES	±		±	APPR: APPR BY 0099/99/99		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	GENERAL MARKET		3 OF 4
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE	76829			

DOCUMENT STATUS	P1	RELEASE DATE	2025/11/25	04:40:56
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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						

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	76829-0902	TIN	8.35	15.39	12.34	16.40	TAPES&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	TAPES&REEL WITH KAPTON	BLACK				
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						

MODEL: 768290000

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DIMENSION UNITS		SCALE		CURRENT REV DESC:											
MM		NTS		EC NO: 841087 DRWN: JERRYW8 2025/05/15 CHK'D: XQZHANG 2025/11/25 APPR: XQZHANG 2025/11/25 INITIAL REVISION: DRWN: DRAWN BY 0099/99/99 APPR: APPR BY 0099/99/99								PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)								DOCUMENT NUMBER				DOC TYPE DOC PART REVISION			
		MM						INCH		SD-76829-0100				PSD 000 E3	
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				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER					
						C-SIZE		76829		GENERAL MARKET 4 OF 4					