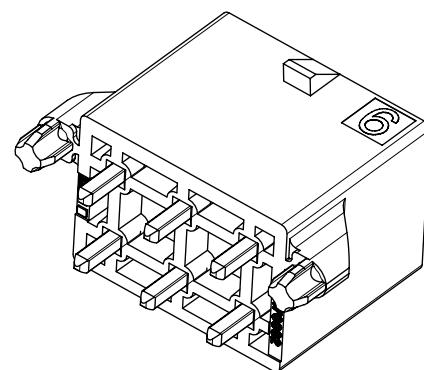
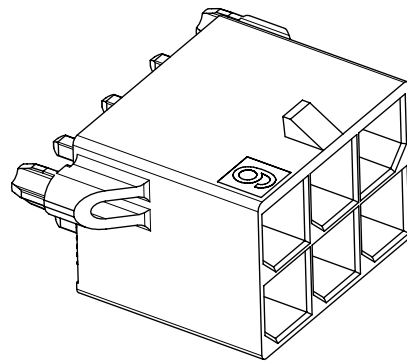
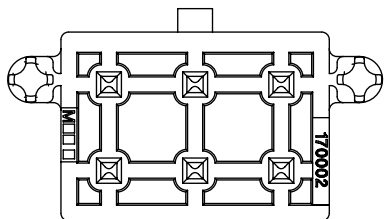
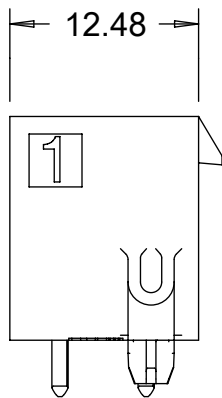
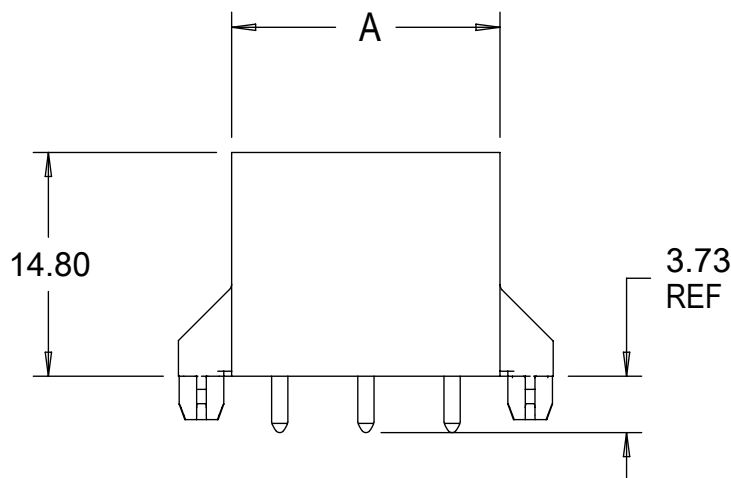
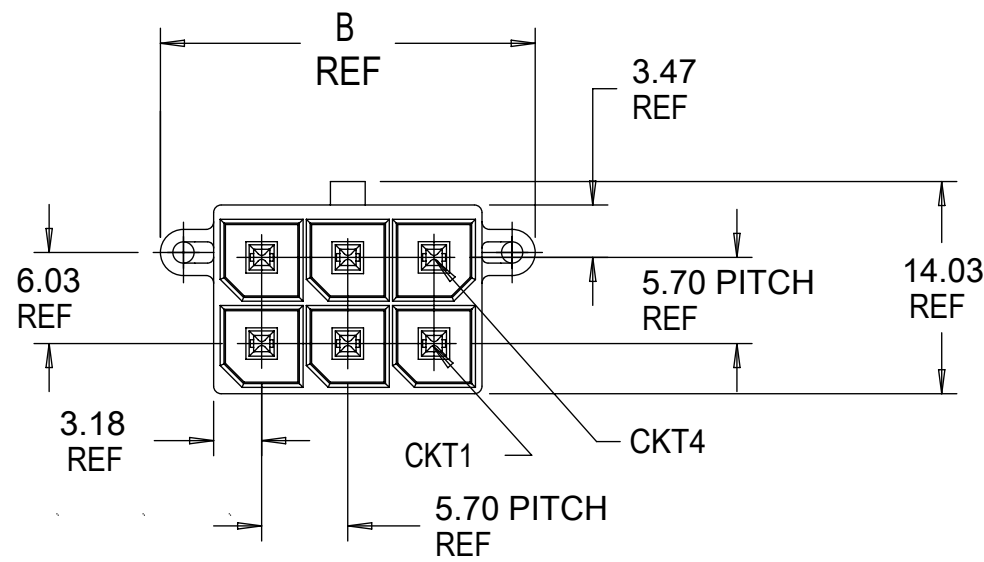




76829-0006 SHOWN

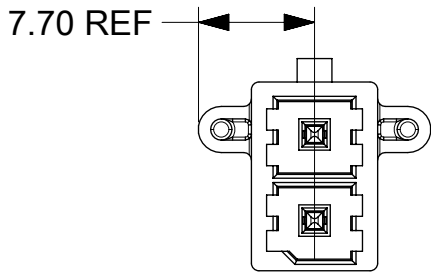
NOTES:

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.

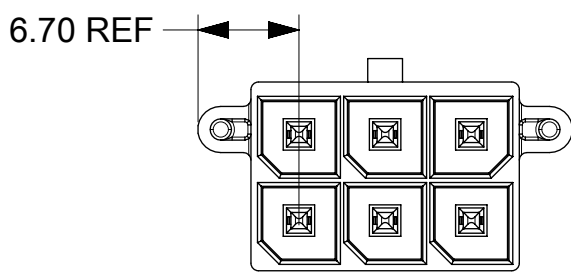
MODEL: 768290000

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: 789500 DRWN: WYATTH5 2023/03/16 CHK'D: XQZHANG 2024/06/18 APPR: XQZHANG 2024/06/18 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		
3 PLACES	±		±					SD-76829-0100		
2 PLACES	±	0.4	±					DOC TYPE	DOC PART	REVISION
1 PLACE	±	0.5	±							
0 PLACES	±		±							
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE	76829	CUSTOMER		1 OF 4
								GENERAL MARKET		

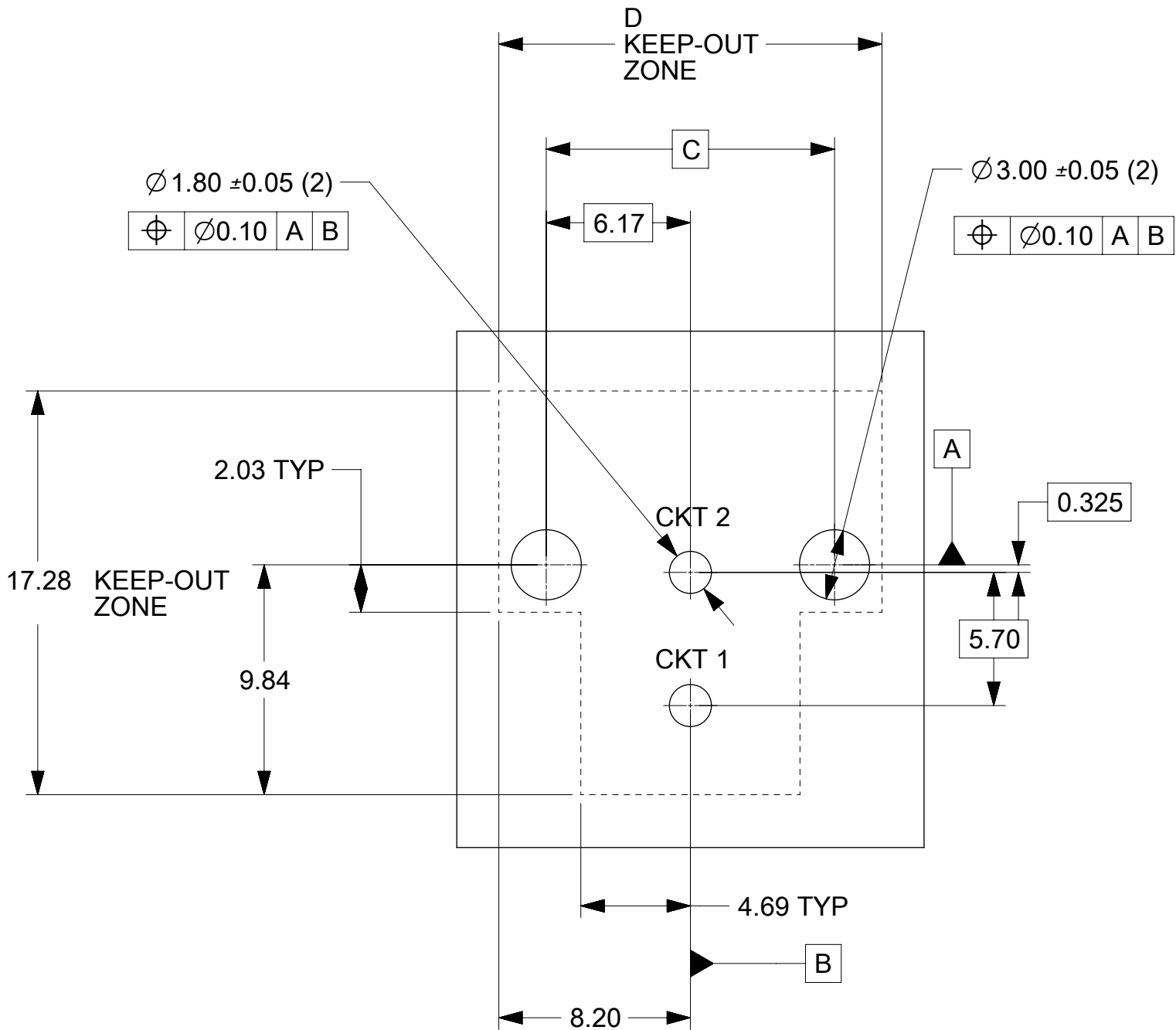
DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18	06:39:55
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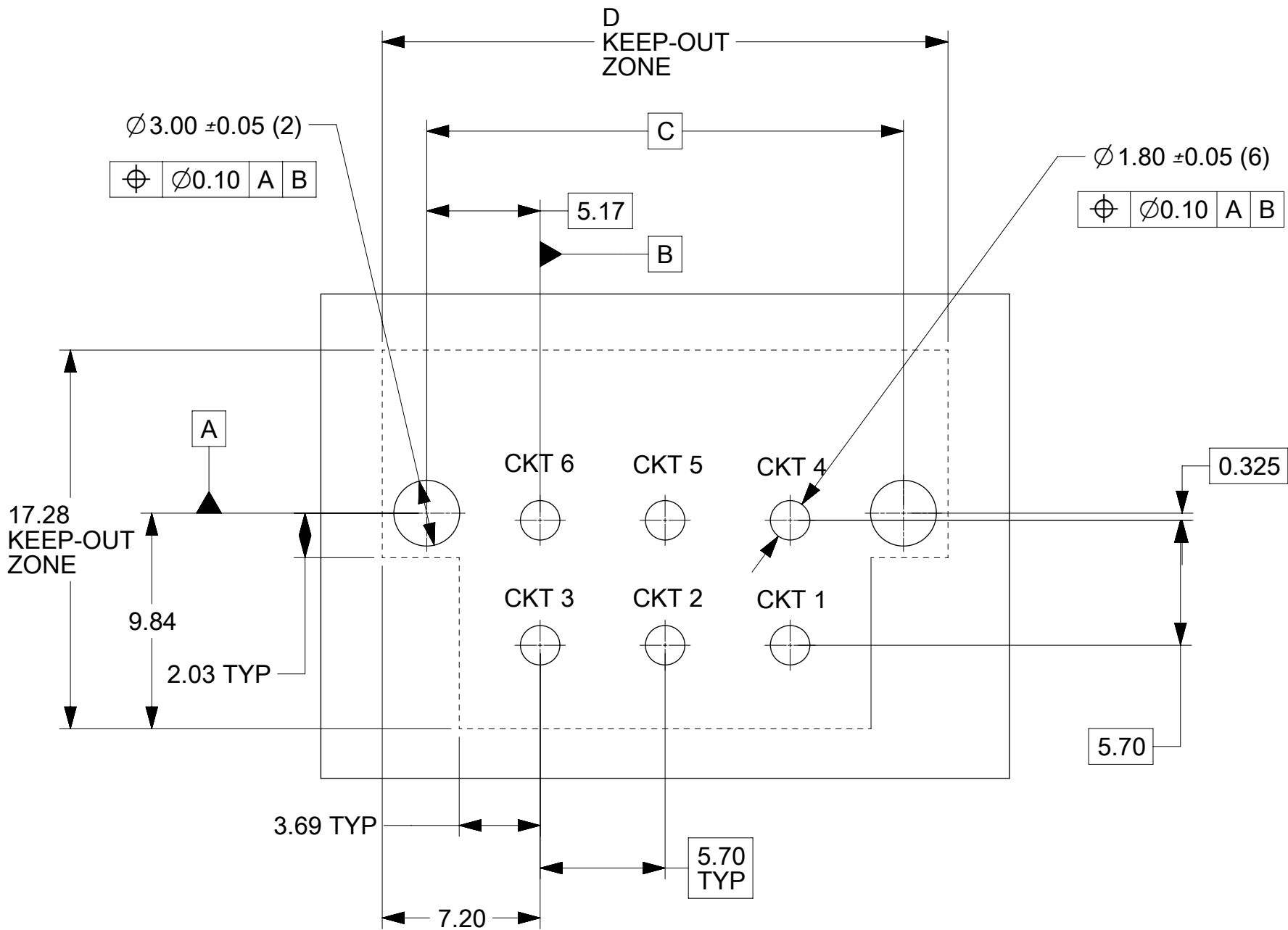
2 CKT



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)				EC NO: 789500 DRWN: WYATTH5 CHK'D: XQZHANG APPR: XQZHANG				MEGA-FIT VERTICAL HEADER VERTICAL HEADER ASSY 2-12 CKT TOP LATCH											
4 PLACES	±		±	INITIAL REVISION:				PRODUCT CUSTOMER DRAWING											
3 PLACES	±		±																
2 PLACES	±	0.4	±	DRWN: DRAWN BY APPR: APPR BY				DOCUMENT NUMBER		DOC TYPE									
1 PLACE	±	0.5	±																
0 PLACES	±		±	THIRD ANGLE PROJECTION				SD-76829-0100		PSD									
ANGULAR TOL																			
± 3.0 °																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER									
				C-SIZE		76829													
								GENERAL MARKET		SHEET NUMBER									

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)

	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: 789500
DRWN: WYATTH5
CHK'D: XQZHANG
APPR: XQZHANG

2023/03/16
2024/06/18
2024/06/18

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

MATERIAL NUMBER

DOC TYPE

PSD

DOC PART

000

REVISION

E1

SHEET NUMBER

3 OF 4

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

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2024/06/18 06:39:55

12

11

10

9

8

7

6

5

4

3

2

1

FORMAT: English-Master-Drawing-C
REVISION: E1
DATE: 2024/06/18

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															
G	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															
F																												