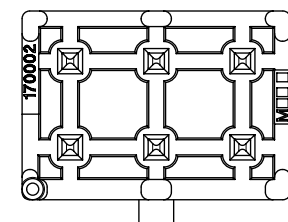
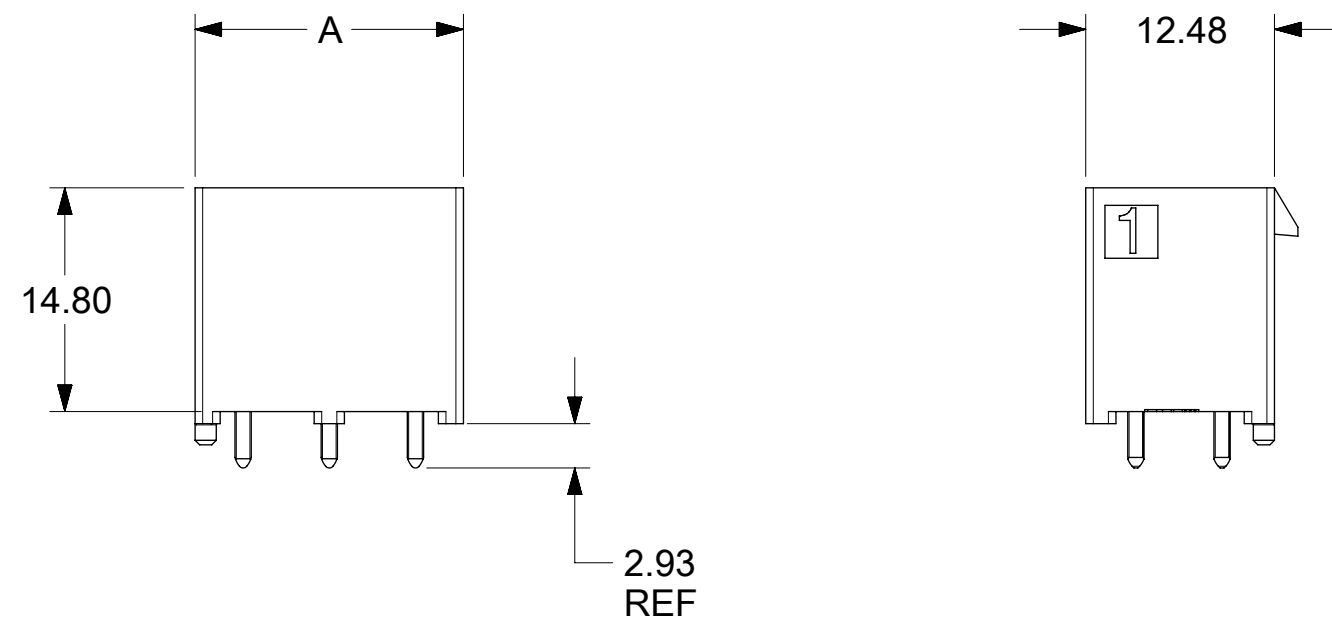


76829-0106 SHOWN

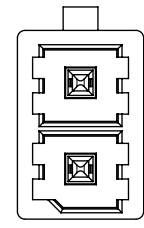


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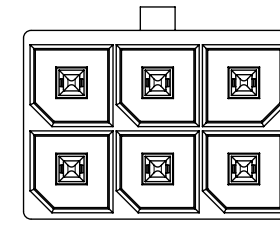
1. MATERIAL:  
HOUSING: LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION,  
COLOR: BLACK.  
TERMINAL: HIGH CONDUCTIVITY COPPER.
2. TERMINAL PLATING:  
(TIN) 1.52 MICROMETER /(60 MICROINCH) MIN REFLOWED MATTE TIN OVER  
1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL.  
(15 GOLD) 0.38 MICROMETER /(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. PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
5. PACKAGING SPECIFICATION:768291100 (TRAY) , 1720659206-PK (T & R), AND 1720658000 (T&R W/ KAPTON)
6. APPLICATION SPECIFICATION:AS-76823-100/ 768232000-AS
7. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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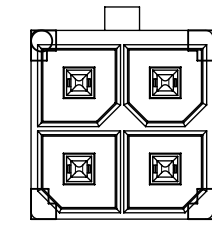
DIMENSION UNITS		SCALE		CURRENT REV DESC:				<b>molex</b>				
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 722781				MEGAFIT SLIM VERTICAL HEADER ASSY WITHOUT CRUSH PEGS 2-12 CKT				
ANGULAR TOL ± 3.0°				DRWN: WYATTH5 2022/10/14								
4 PLACES ±				CHK'D: XQZHANG 2022/10/27				PRODUCT CUSTOMER DRAWING				
3 PLACES ±				APPR: XQZHANG 2022/10/27								
2 PLACES ± 0.25				INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE ±				DRWN: GSHARMA 2016/07/15				768290002		PSD	000	A5
0 PLACES ±				APPR: KPRASAD 2017/07/21				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE TABLE		GENERAL MARKET		1 OF 3



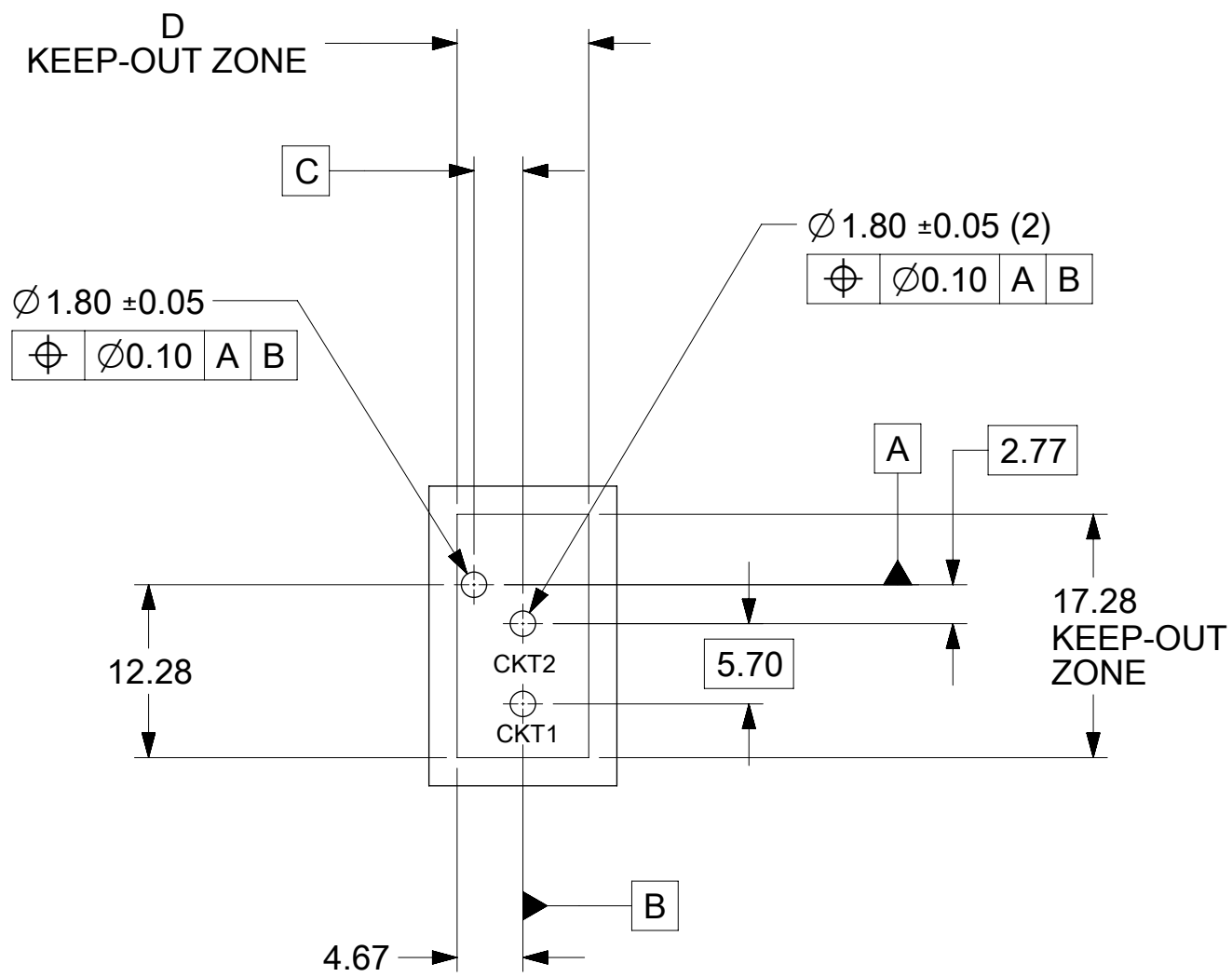
2 CKT



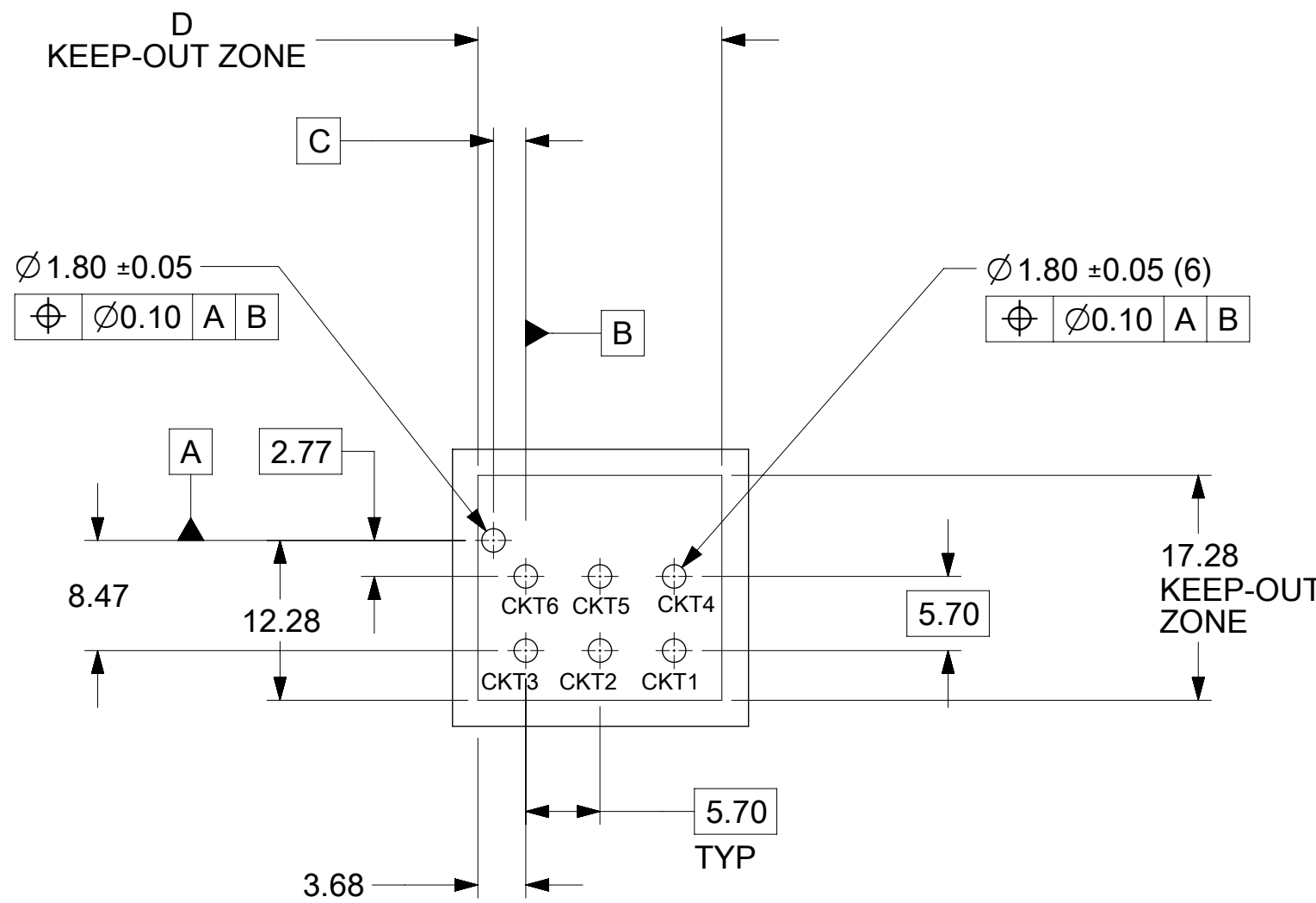
4-12 CKT



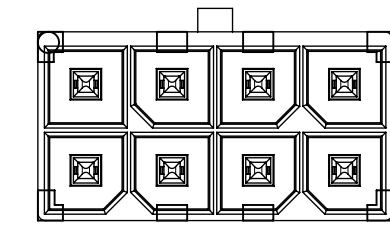
4 CKT



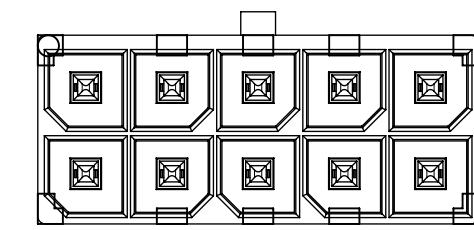
PCB LAYOUT: COMPONENT SIDE  
RECOMENDED PCB THICKNESS: 1.58 MM/.062 INCH



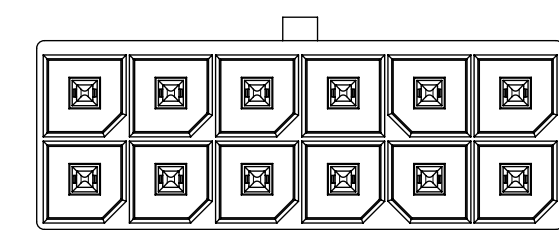
PCB LAYOUT: COMPONENT SIDE  
RECOMENDED PCB THICKNESS: 1.58 MM/.062 INCH



8 CKT



10 CKT



12 CKT

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				<b>molex</b>	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 722781				MEGAFIT SLIM VERTICAL HEADER ASSY WITHOUT CRUSH PEGS 2-12 CKT	
ANGULAR TOL ± 3.0°				DRWN: WYATTH5 2022/10/14					
4 PLACES ±				CHK'D: XQZHANG 2022/10/27					
3 PLACES ±				APPR: XQZHANG 2022/10/27				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.25				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ±				DRWN: GSHARMA 2016/07/15				768290002	
0 PLACES ±				APPR: KPRASAD 2017/07/21				PSD 000 A5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				C-SIZE		76829		SEE TABLE	
DOCUMENT STATUS		RELEASE DATE		CUSTOMER		SHEET NUMBER			
P1		2022/10/27 06:33:11		GENERAL MARKET		2 OF 3			

CKT SIZE	PART NO.	PLATING	DIM A	DIM C BASIC	DIM D	PK SPEC
2	76829-0102	TIN	8.35	3.48	9.35	TRAY
4	76829-0104	TIN	12.05	2.48	13.05	
6	76829-0106	TIN	17.75	2.48	18.75	
8	76829-0108	TIN	23.45	2.48	24.45	
10	76829-0110	TIN	29.15	2.48	30.15	
12	76829-0112	TIN	34.85	2.48	35.85	
2	172065-0202	15 GOLD	8.35	3.48	9.35	
4	172065-0204	15 GOLD	12.05	2.48	13.05	
6	172065-0206	15 GOLD	17.75	2.48	18.75	
8	172065-0208	15 GOLD	23.45	2.48	24.45	
10	172065-0210	15 GOLD	29.15	2.48	30.15	
12	172065-0212	15 GOLD	34.85	2.48	35.85	
2	172065-0302	30 GOLD	8.35	3.48	9.35	
4	172065-0304	30 GOLD	12.05	2.48	13.05	
6	172065-0306	30 GOLD	17.75	2.48	18.75	
8	172065-0308	30 GOLD	23.45	2.48	24.45	
10	172065-0310	30 GOLD	29.15	2.48	30.15	
12	172065-0312	30 GOLD	34.85	2.48	35.85	

CKT SIZE	PART NO.	PLATING	DIM A	DIM C BASIC	DIM D	PK SPEC	
*	2	76829-9102	TIN	8.35	3.48	TAPE&REEL WITHOUT KAPTON	
*	4	76829-9104	TIN	12.05	2.48		13.05
*	6	76829-9106	TIN	17.75	2.48		18.75
*	8	76829-9108	TIN	23.45	2.48		24.45
*	10	76829-9110	TIN	29.15	2.48		30.15
*	12	76829-9112	TIN	34.85	2.48		35.85
*	2	172065-9202	15 GOLD	8.35	3.48		9.35
*	4	172065-9204	15 GOLD	12.05	2.48		13.05
*	6	172065-9206	15 GOLD	17.75	2.48		18.75
*	8	172065-9208	15 GOLD	23.45	2.48		24.45
*	10	172065-9210	15 GOLD	29.15	2.48		30.15
*	12	172065-9212	15 GOLD	34.85	2.48		35.85
*	2	172065-9302	30 GOLD	8.35	3.48		9.35
*	4	172065-9304	30 GOLD	12.05	2.48		13.05
*	6	172065-9306	30 GOLD	17.75	2.48		18.75
*	8	172065-9308	30 GOLD	23.45	2.48		24.45
*	10	172065-9310	30 GOLD	29.15	2.48		30.15
*	12	172065-9312	30 GOLD	34.85	2.48		35.85

CKT SIZE	PART NO.	PLATING	DIM A	DIM C BASIC	DIM D	PK SPEC	
*	2	76829-8102	TIN	8.35	3.48	TAPE&REEL WITH KAPTON	
*	4	76829-8104	TIN	12.05	2.48		13.05
*	6	76829-8106	TIN	17.75	2.48		18.75
*	8	76829-8108	TIN	23.45	2.48		24.45
*	10	76829-8110	TIN	29.15	2.48		30.15
*	12	76829-8112	TIN	34.85	2.48		35.85
*	2	172065-8202	15 GOLD	8.35	3.48		9.35
*	4	172065-8204	15 GOLD	12.05	2.48		13.05
*	6	172065-8206	15 GOLD	17.75	2.48		18.75
*	8	172065-8208	15 GOLD	23.45	2.48		24.45
*	10	172065-8210	15 GOLD	29.15	2.48		30.15
*	12	172065-8212	15 GOLD	34.85	2.48		35.85
*	2	172065-8302	30 GOLD	8.35	3.48		9.35
*	4	172065-8304	30 GOLD	12.05	2.48		13.05
*	6	172065-8306	30 GOLD	17.75	2.48		18.75
*	8	172065-8308	30 GOLD	23.45	2.48		24.45
*	10	172065-8310	30 GOLD	29.15	2.48		30.15
*	12	172065-8312	30 GOLD	34.85	2.48		35.85

\* DESIGNATES PART NOT RELEASED  
CONTACT FACTORY FOR AVAILABILITY.

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				<b>molex</b>	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 722781				MEGAFIT SLIM VERTICAL HEADER ASSY WITHOUT CRUSH PEGS 2-12 CKT	
ANGULAR TOL ± 3.0°				DRWN: WYATTH5 2022/10/14					
4 PLACES ±				CHK'D: XQZHANG 2022/10/27				PRODUCT CUSTOMER DRAWING	
3 PLACES ±				APPR: XQZHANG 2022/10/27					
2 PLACES ± 0.25				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ±				DRWN: GSHARMA 2016/07/15				768290002	
0 PLACES ±				APPR: KPRASAD 2017/07/21				PSD 000 A5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				C-SIZE		76829		SEE TABLE	
				CUSTOMER		GENERAL MARKET		SHEET NUMBER	
								3 OF 3	