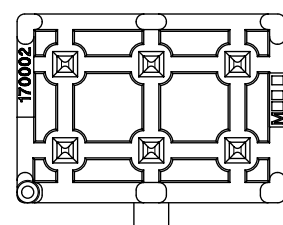
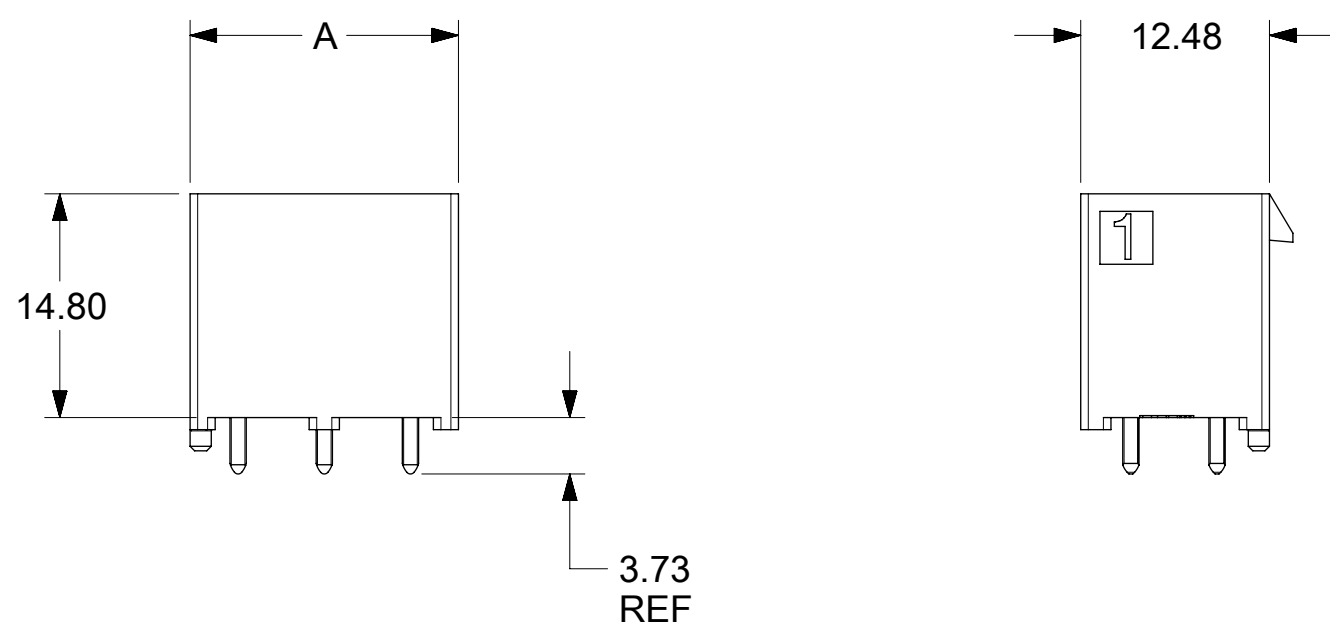


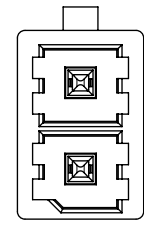
76829-0106 SHOWN



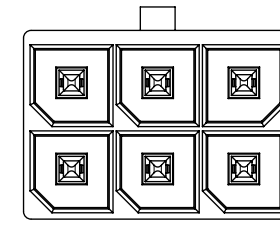
NOTES:

- MATERIAL:
HOUSING: LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, COLOR: BLACK.
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
- PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
- PACKAGING SPECIFICATION:768291100 (TRAY) , 1720659206-PK (T & R), AND 1720658000 (T&R W/ KAPTON)
- APPLICATION SPECIFICATION:AS-76823-100/ 768232000-AS
- PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

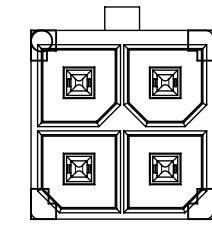
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC:
$\nabla_A = 0$	mm	2:1	EC NO: 663502 DRWN: ALU002 2021/03/18 CHK'D: YXZHENG 2021/05/11 APPR: YXZHENG 2021/05/11
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla_P = 0$	ANGULAR TOL $\pm 0.5^\circ$		INITIAL REVISION: DRWN: GSHARMA 2016/07/15 APPR: KPRASAD 2017/07/21
DIVISIONAL SYMBOLS	4 PLACES \pm	3 PLACES \pm	
	2 PLACES ± 0.25	1 PLACE \pm	DOCUMENT NUMBER
	0 PLACES \pm		768290002
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DOC TYPE
		DRAWING	PSD
		SERIES	DOC PART
		C-SIZE	000
		76829	REVISION
			A4
			MATERIAL NUMBER
			SEE TABLE
			CUSTOMER
			GENERAL MARKET
			SHEET NUMBER
			1 OF 3



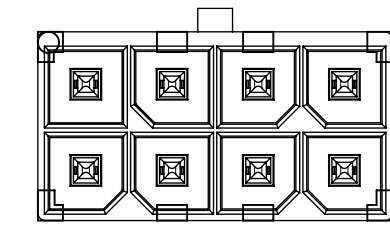
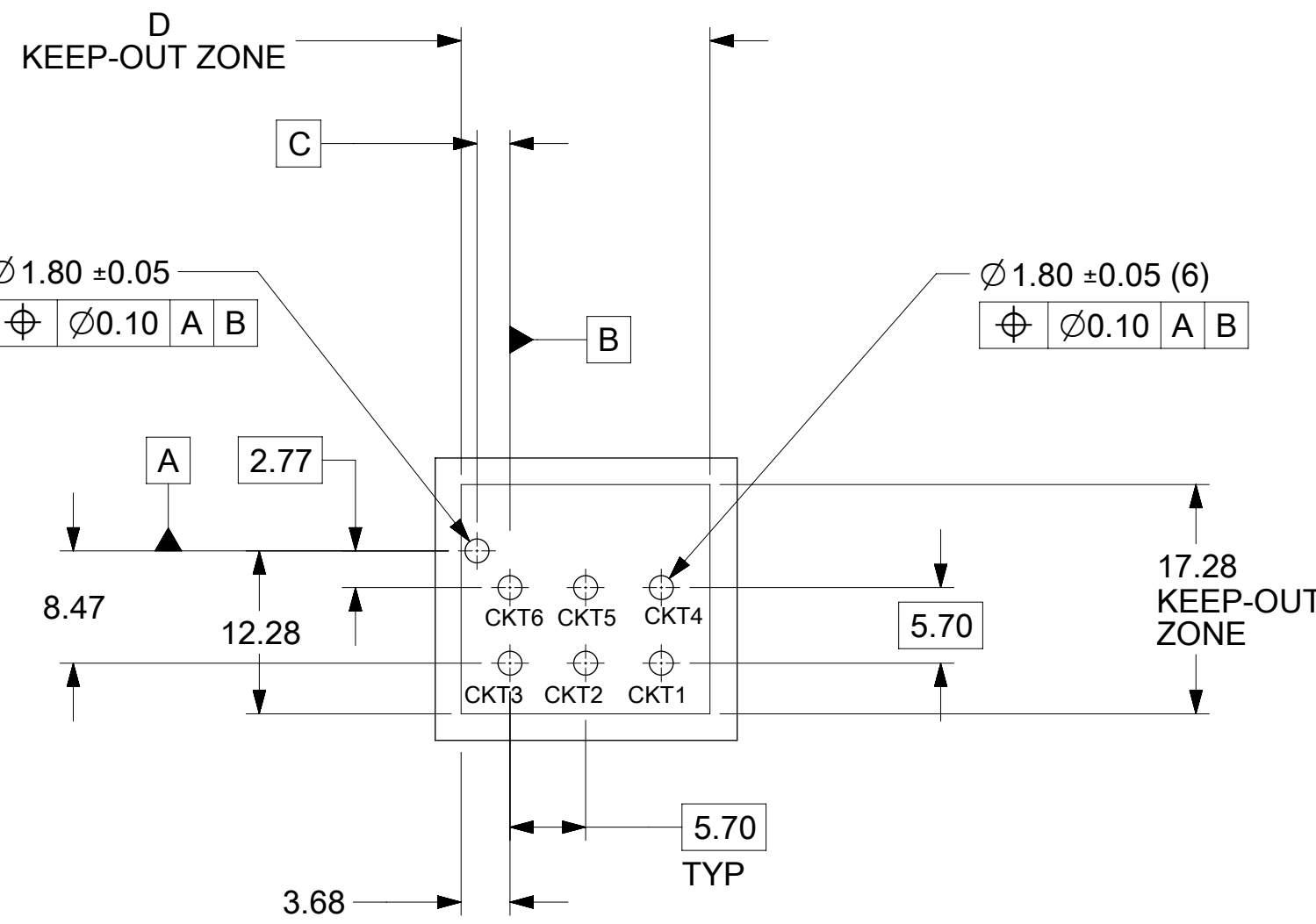
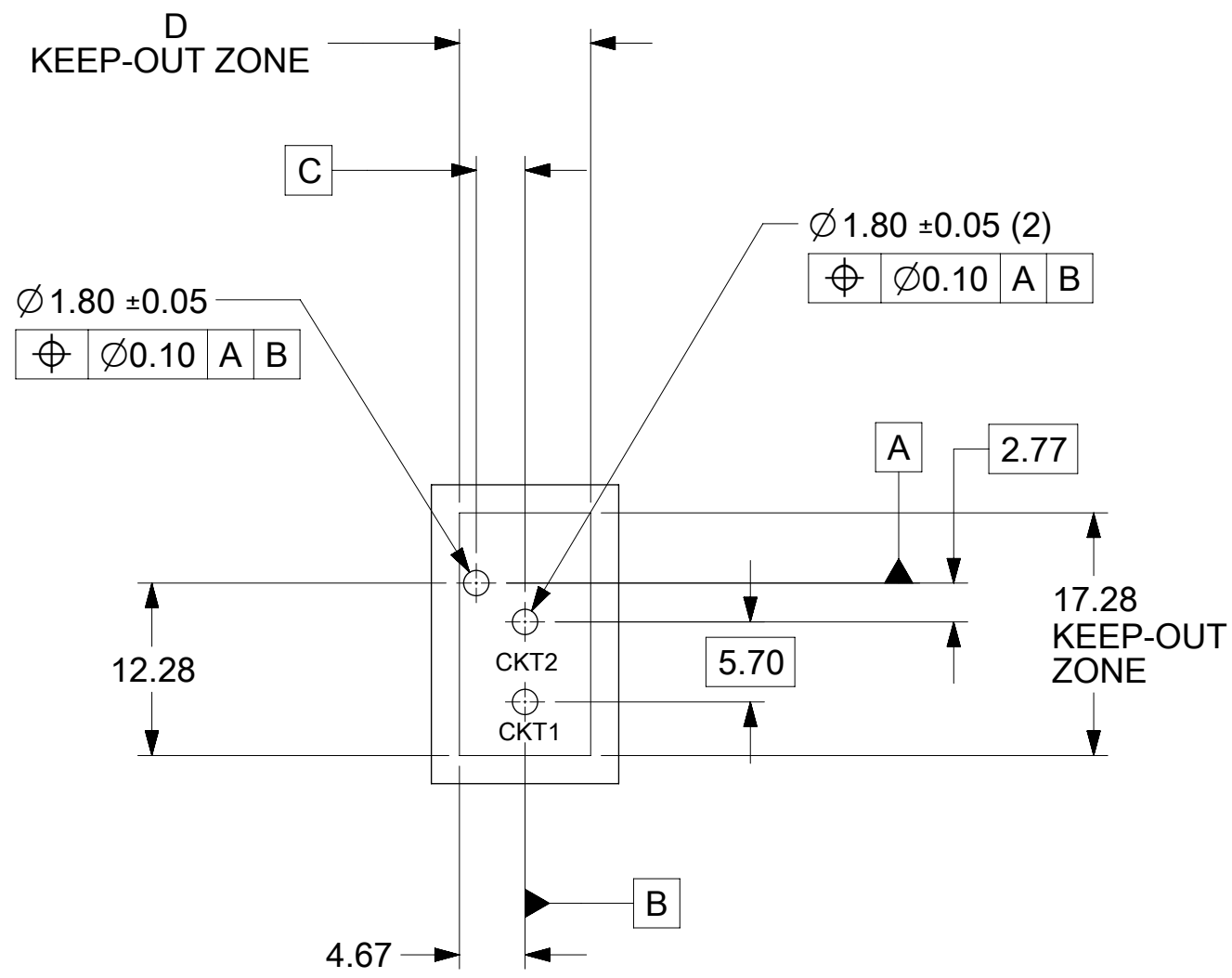
2 CKT



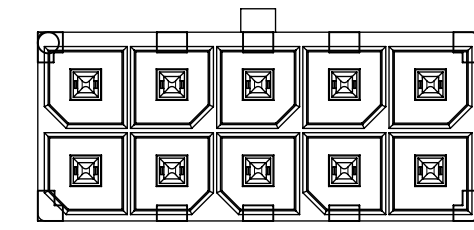
4-12 CKT



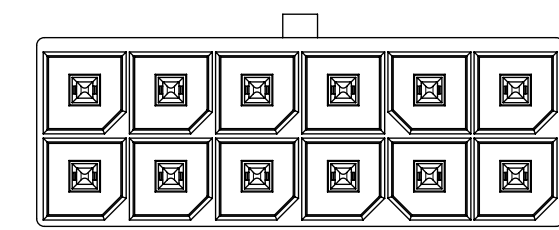
4 CKT



8 CKT



10 CKT



12 CKT

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:						
	DIMENSION UNITS	SCALE							EC NO: 663502
$\frac{F}{A} = 0$	mm	2:1	DRWN: ALU002		2021/03/18				
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: YXZHENG		2021/05/11				
$\frac{F}{P} = 0$	ANGULAR TOL $\pm 0.5^\circ$		APPR: YXZHENG		2021/05/11				
DIVISIONAL SYMBOLS	4 PLACES \pm		INITIAL REVISION:		DOCUMENT NUMBER				
	3 PLACES \pm		DRWN: GSHARMA		768290002		DOC TYPE	DOC PART	REVISION
	2 PLACES ± 0.25		APPR: KPRASAD		2016/07/15		PSD	000	A4
	1 PLACE \pm		2017/07/21		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
	0 PLACES \pm		THIRD ANGLE PROJECTION		SEE TABLE		GENERAL MARKET		2 OF 3
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		SERIES				
			C-SIZE		76829				

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	9.35	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	

(A2)

CKT SIZE	PART NO.	PLATING	DIM A	DIM C BASIC	DIM D	PK SPEC
* 2	76829-8102	TIN	8.35	3.48	9.35	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.

FUNCTIONAL SYMBOLS	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:			
$\frac{F}{A} = 0$	mm	2:1	EC NO: 663502 DRWN: ALU002 CHK'D: YXZHENG APPR: YXZHENG 2021/03/18 2021/05/11 2021/05/11			
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\frac{F}{P} = 0$	ANGULAR TOL $\pm 0.5^\circ$					
DIVISIONAL SYMBOLS	4 PLACES	\pm				
	3 PLACES	\pm	INITIAL REVISION: DRWN: GSHARMA APPR: KPRASAD 2016/07/15 2017/07/21			
	2 PLACES	± 0.25				
	1 PLACE	\pm	DOCUMENT NUMBER 768290002			
	0 PLACES	\pm				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOC TYPE	DOC PART	REVISION
		C-SIZE	76829	PSD	000	A4
DOCUMENT STATUS	P1	RELEASE DATE	2021/05/11 17:22:06	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				SEE TABLE	GENERAL MARKET	3 OF 3