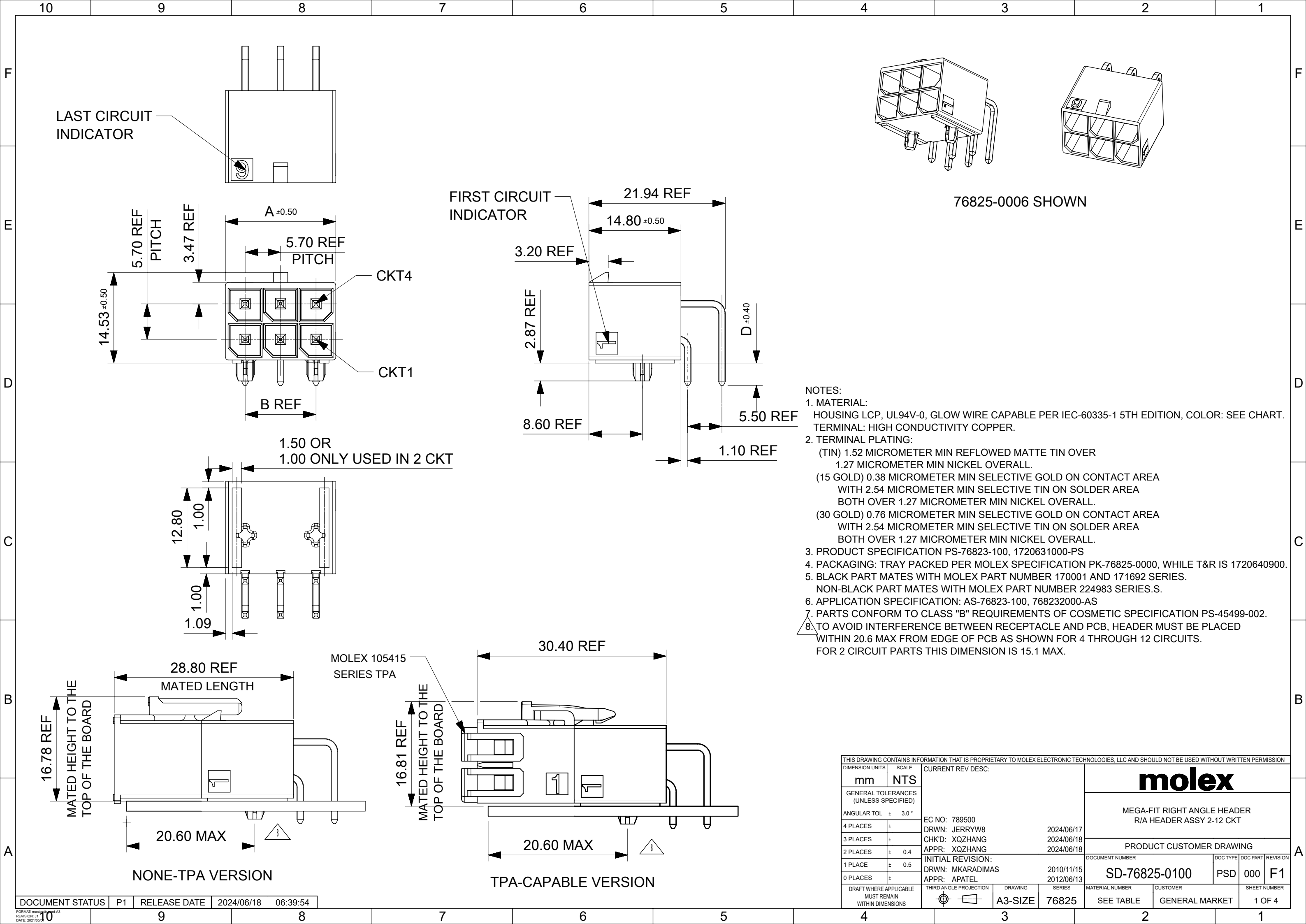
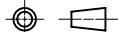
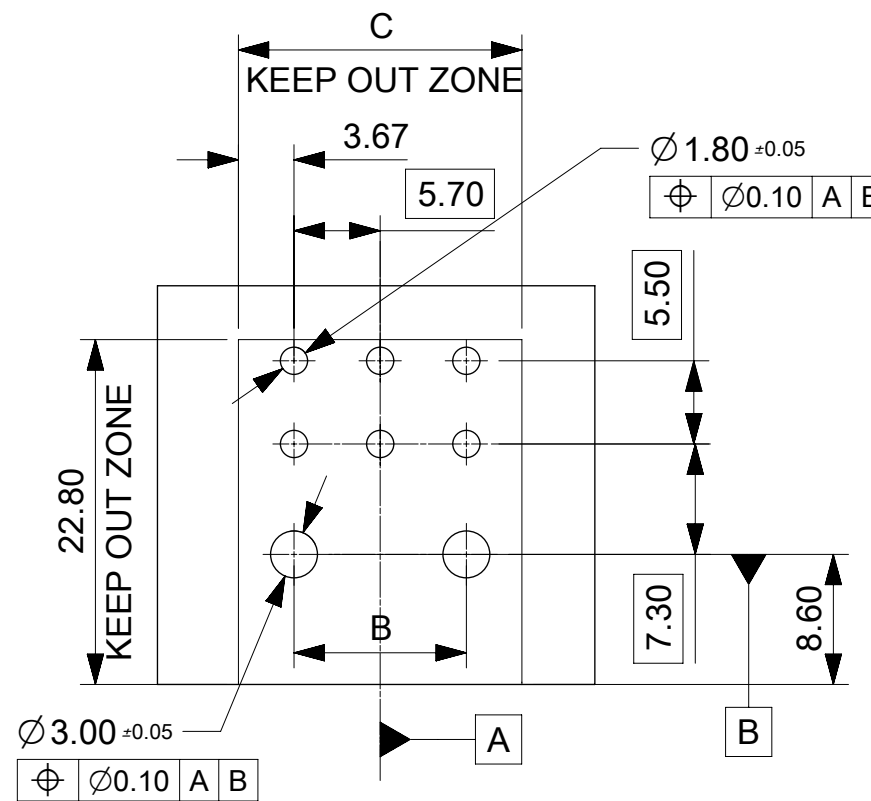
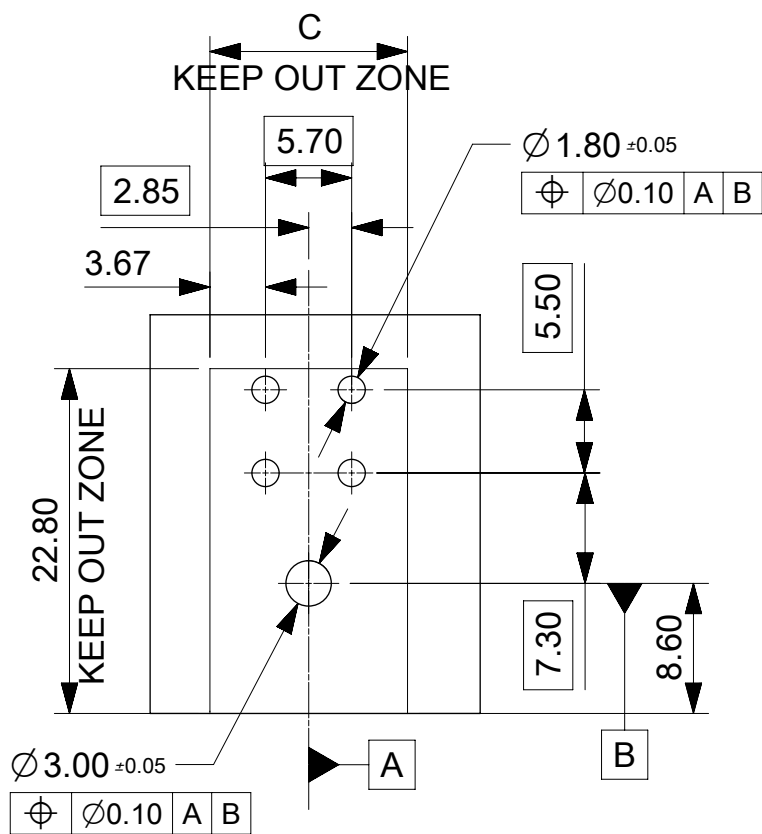
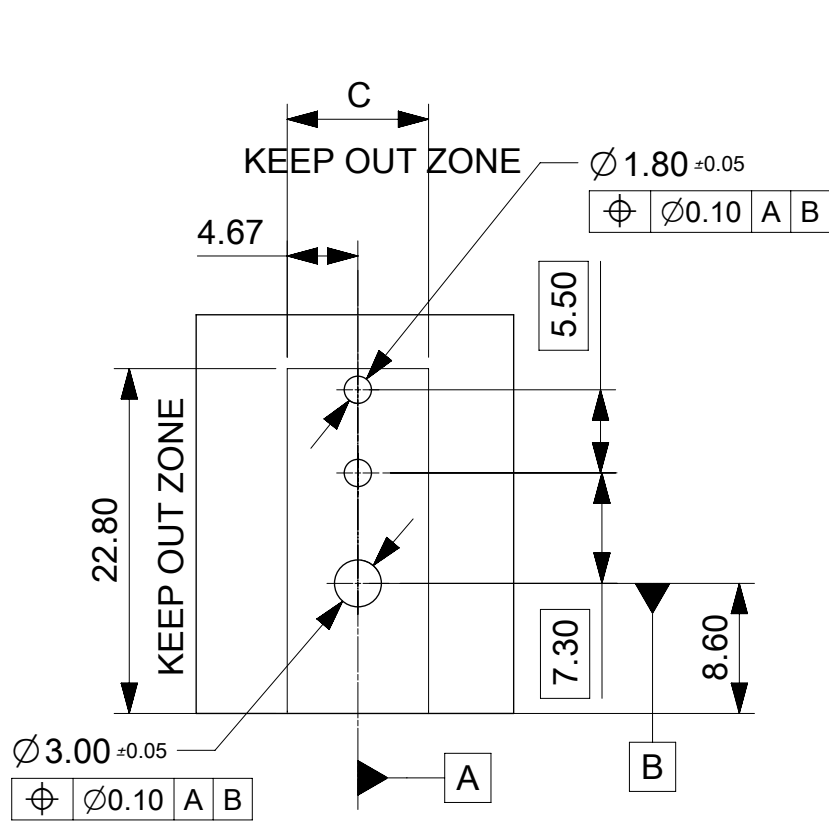
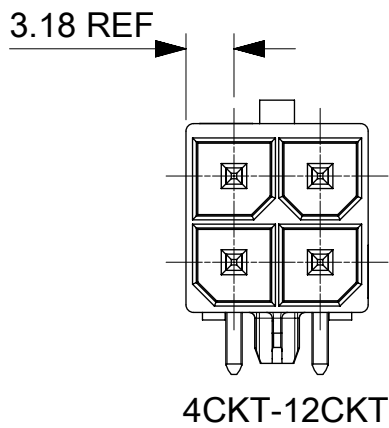
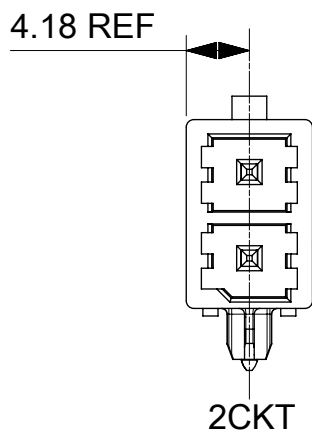




- NOTES:
1. MATERIAL:
HOUSING LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, COLOR: SEE CHART.
TERMINAL: HIGH CONDUCTIVITY COPPER.
 2. TERMINAL PLATING:
(TIN) 1.52 MICROMETER MIN REFLOWED MATTE TIN OVER
1.27 MICROMETER MIN NICKEL OVERALL.
(15 GOLD) 0.38 MICROMETER MIN SELECTIVE GOLD ON CONTACT AREA
WITH 2.54 MICROMETER MIN SELECTIVE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER MIN NICKEL OVERALL.
(30 GOLD) 0.76 MICROMETER MIN SELECTIVE GOLD ON CONTACT AREA
WITH 2.54 MICROMETER MIN SELECTIVE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER MIN NICKEL OVERALL.
 3. PRODUCT SPECIFICATION PS-76823-100, 1720631000-PS
 4. PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-76825-0000, WHILE T&R IS 1720640900.
 5. BLACK PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
NON-BLACK PART MATES WITH MOLEX PART NUMBER 224983 SERIES.S.
 6. APPLICATION SPECIFICATION: AS-76823-100, 768232000-AS
 7. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 8. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED
WITHIN 20.6 MAX FROM EDGE OF PCB AS SHOWN FOR 4 THROUGH 12 CIRCUITS.
FOR 2 CIRCUIT PARTS THIS DIMENSION IS 15.1 MAX.

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 MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 3.0 °				EC NO: 789500 DRWN: JERRYW8 2024/06/17 CHK'D: XQZHANG 2024/06/18 APPR: XQZHANG 2024/06/18				PRODUCT CUSTOMER DRAWING							
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.4													
1 PLACE		± 0.5													
0 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRWN: MKARADIMAS 2010/11/15				2012/06/13				SD-76825-0100		PSD		000		F1	
APPR: APATEL															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		76825		SEE TABLE		GENERAL MARKET		1 OF 4			

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18	06:39:54
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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 RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT			
ANGULAR TOL ± 3.0 °											
4 PLACES		±		EC NO: 789500				PRODUCT CUSTOMER DRAWING			
3 PLACES		±		DRWN: JERRYW8 2024/06/17							
2 PLACES		± 0.4		CHK'D: XQZHANG 2024/06/18							
1 PLACE		± 0.5		APPR: XQZHANG 2024/06/18				DOCUMENT NUMBER			
0 PLACES		±		INITIAL REVISION:				SD-76825-0100		DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: MKARADIMAS 2010/11/15				PSD		DOC PART	
				APPR: APATEL 2012/06/13				000		F1	
				THIRD ANGLE PROJECTION				DRAWING		SHEET NUMBER	
				A3-SIZE		SERIES		MATERIAL NUMBER		CUSTOMER	
						76825		SEE TABLE		GENERAL MARKET	
										2 OF 4	

	10	9	8	7	6	5	4	3	2	1		
F	CKT	POLARIZATION-BALCK	POLARIZATION-NATURAL	POLARIZATION-RED	POLARIZATION-BLUE	POLARIZATION-YELLOW						F
	2 CKT											
E	4 CKT											E
	6 CKT											
D	8 CKT											D
	10 CKT											
C	12 CKT											C
B												B
	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) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.4 1 PLACE ± 0.5 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS CURRENT REV DESC: EC NO: 789500 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: MKARADIMAS APPR: APATEL THIRD ANGLE PROJECTION DRAWING A3-SIZE SERIES 76825 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 4 molex MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-76825-0100 DOC TYPE PSD DOC PART 000 REVISION F1											
A	DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18	06:39:54							A
	10	9	8	7	6	5	4	3	2	1		

10		9		8		7		6		5		4		3		2		1														
	CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C	PK SPEC	HEADER COLOR		CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C	PK SPEC	HEADER COLOR															
F	2	76825-0002	TIN	8.35	N/A	9.35	TRAY	BLACK		2	172064-0202	TIN	8.35	N/A	9.35	TRAY	NATURAL															
	4	76825-0004	TIN	12.05	N/A	13.05				4	172064-0204		12.05	N/A	13.05																	
	6	76825-0006	TIN	17.75	11.4	18.75				6	172064-0206		17.75	11.4	18.75																	
	8	76825-0008	TIN	23.45	17.1	24.45				8	172064-0208		23.45	17.1	24.45																	
	10	76825-0010	TIN	29.15	22.8	30.15				10	172064-0210		29.15	22.8	30.15																	
	12	76825-0012	TIN	34.85	28.5	35.85				12	172064-0212		34.85	28.5	35.85																	
E	2	172064-0002	15 GOLD	8.35	N/A	9.35				2	172064-0302		8.35	N/A	9.35		RED															
	4	172064-0004	15 GOLD	12.05	N/A	13.05				4	172064-0304		12.05	N/A	13.05																	
	6	172064-0006	15 GOLD	17.75	11.4	18.75				6	172064-0306		17.75	11.4	18.75																	
	8	172064-0008	15 GOLD	23.45	17.1	24.45				8	172064-0308		23.45	17.1	24.45																	
	10	172064-0010	15 GOLD	29.15	22.8	30.15				10	172064-0310		29.15	22.8	30.15																	
	12	172064-0012	15 GOLD	34.85	28.5	35.85				12	172064-0312		34.85	28.5	35.85																	
	2	172064-1002	30 GOLD	8.35	N/A	9.35			TAPE&REEL		2		172064-0402	8.35	N/A		9.35	BLUE														
	4	172064-1004	30 GOLD	12.05	N/A	13.05					4		172064-0404	12.05	N/A		13.05															
	6	172064-1006	30 GOLD	17.75	11.4	18.75					6		172064-0406	17.75	11.4		18.75															
	8	172064-1008	30 GOLD	23.45	17.1	24.45					8		172064-0408	23.45	17.1		24.45															
	10	172064-1010	30 GOLD	29.15	22.8	30.15					10		172064-0410	29.15	22.8		30.15															
	12	172064-1012	30 GOLD	34.85	28.5	35.85					12		172064-0412	34.85	28.5		35.85															
D	*	2	76825-0902	TIN	8.35	N/A	9.35						2	172064-0502	8.35	N/A	9.35	YELLOW														
	*	4	76825-0904	TIN	12.05	N/A	13.05						4	172064-0504	12.05	N/A	13.05															
	*	6	76825-0906	TIN	17.75	11.4	18.75						6	172064-0506	17.75	11.4	18.75															
		8	76825-0908	TIN	23.45	17.1	24.45						8	172064-0508	23.45	17.1	24.45															
	*	10	76825-0910	TIN	29.15	22.8	30.15						10	172064-0510	29.15	22.8	30.15															
		12	76825-0912	TIN	34.85	28.5	35.85						12	172064-0512	34.85	28.5	35.85															
	*	2	172064-0902	15 GOLD	8.35	N/A	9.35																									
	*	4	172064-0904	15 GOLD	12.05	N/A	13.05																									
	*	6	172064-0906	15 GOLD	17.75	11.4	18.75																									
		8	172064-0908	15 GOLD	23.45	17.1	24.45																									
	*	10	172064-0910	15 GOLD	29.15	22.8	30.15																									
		12	172064-0912	15 GOLD	34.85	28.5	35.85																									
C	*	2	172064-1902	30 GOLD	8.35	N/A	9.35																									
	*	4	172064-1904	30 GOLD	12.05	N/A	13.05																									
	*	6	172064-1906	30 GOLD	17.75	11.4	18.75																									
		8	172064-1908	30 GOLD	23.45	17.1	24.45																									
	*	10	172064-1910	30 GOLD	29.15	22.8	30.15																									
		12	172064-1912	30 GOLD	34.85	28.5	35.85																									
B	* DESIGNATES PART NOT RELEASED CONTACT FACTORY FOR AVAILABILITY.																		PRE-RELEASE REFERENCE USE ONLY													
A																			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DOCUMENT STATUS		RELEASE DATE																	mm		NTS		CURRENT REV DESC:				molex				
																		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 789500 DRWN: JERRYW8 2024/06/17 CHK'D: XQZHANG 2024/06/18 APPR: XQZHANG 2024/06/18				MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT								
																		ANGULAR TOL ± 3.0 °		INITIAL REVISION: DRWN: MKARADIMAS 2010/11/15 APPR: APATEL 2012/06/13				PRODUCT CUSTOMER DRAWING								
																		4 PLACES ±		DOCUMENT NUMBER				SD-76825-0100		DOC TYPE		DOC PART		REVISION		
																		3 PLACES ±		MATERIAL NUMBER				SEE TABLE		CUSTOMER		GENERAL MARKET		SHEET NUMBER		
																		2 PLACES ± 0.4		THIRD ANGLE PROJECTION				DRAWING		SERIES		4 OF 4				
																		1 PLACE ± 0.5		A3-SIZE				76825								
																		0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												