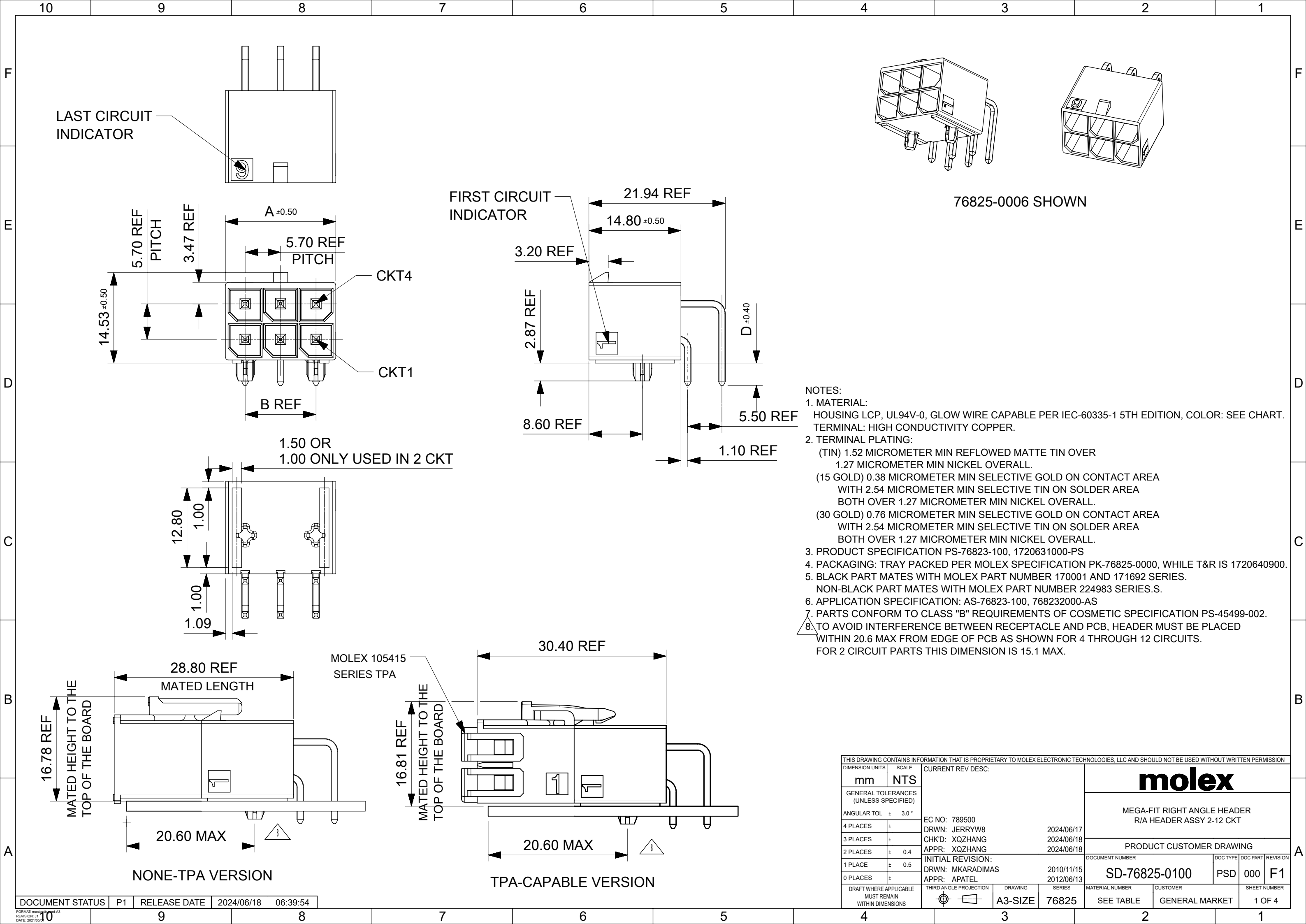
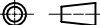
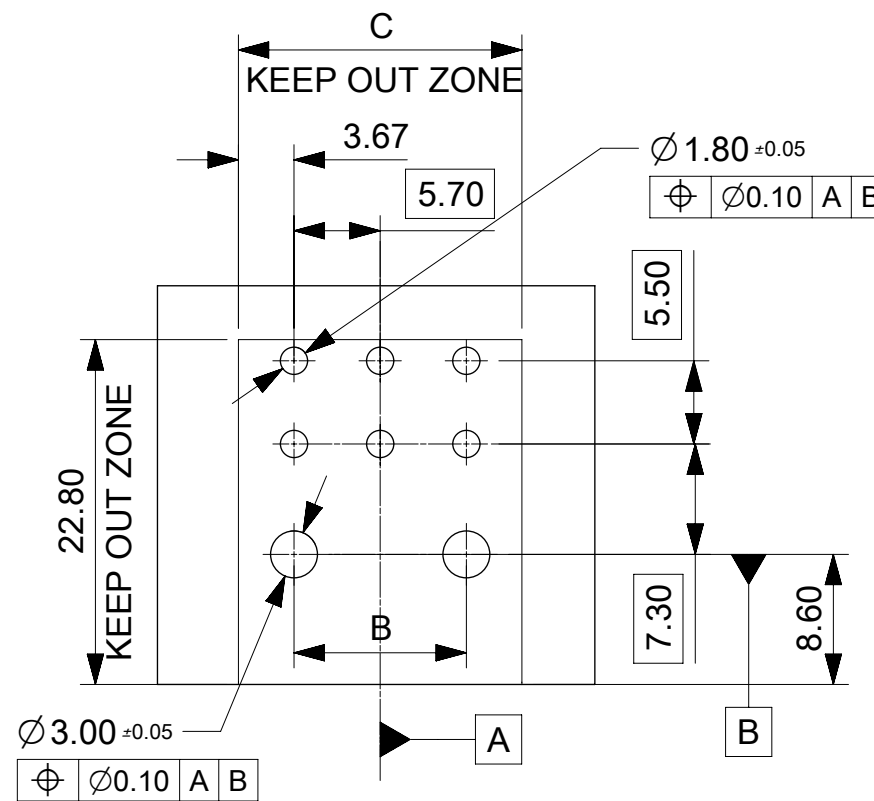
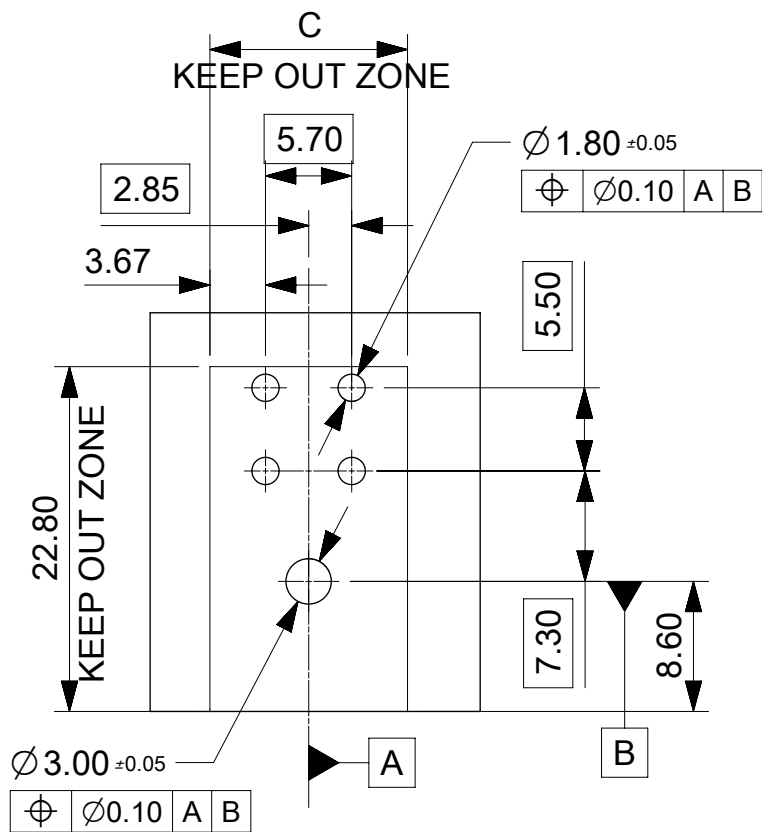
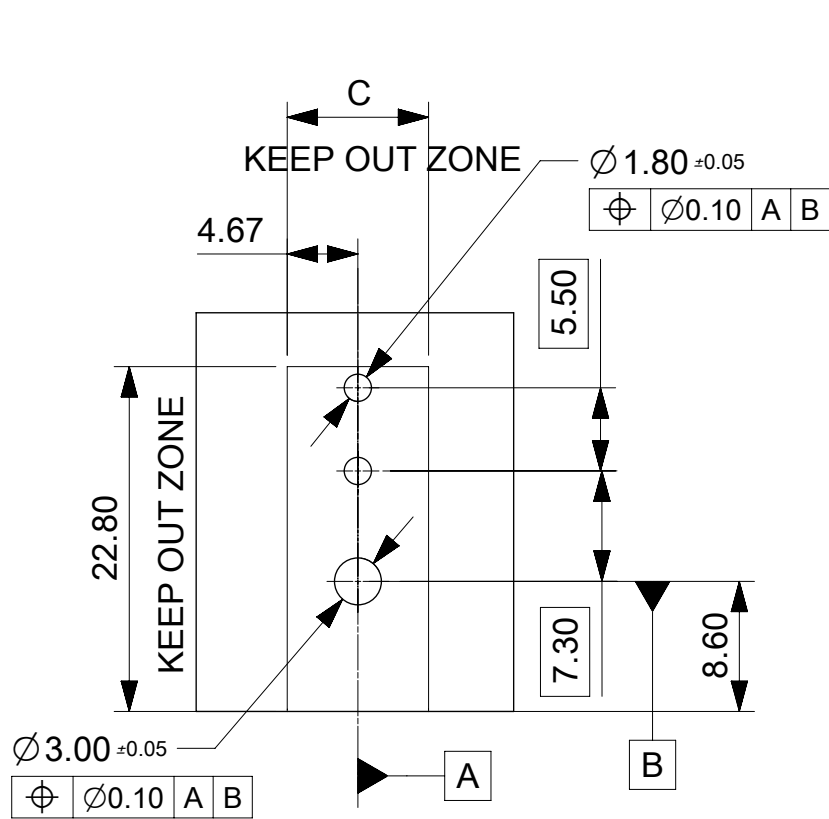
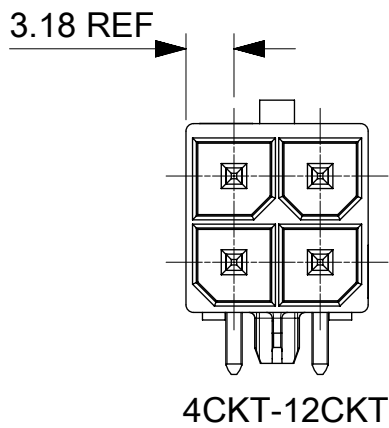
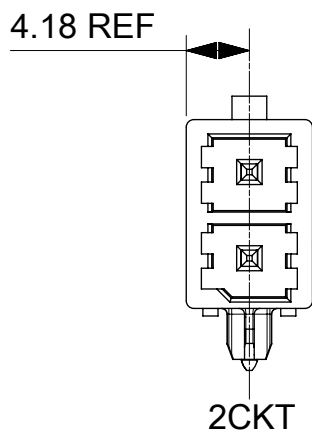




- NOTES:
1. MATERIAL:
HOUSING LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, COLOR: SEE CHART.
TERMINAL: HIGH CONDUCTIVITY COPPER.
 2. TERMINAL PLATING:
(TIN) 1.52 MICROMETER MIN REFLOWED MATTE TIN OVER
1.27 MICROMETER MIN NICKEL OVERALL.
(15 GOLD) 0.38 MICROMETER MIN SELECTIVE GOLD ON 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)				PRODUCT CUSTOMER DRAWING											
ANGULAR TOL ± 3.0°															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.4													
1 PLACE		± 0.5		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES		±						SD-76825-0100		PSD	000	F1			
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	



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

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/18	06:39:54
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	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																			
CTKT SIZE		PART NO.		PLATING		DIM A		DIM B		DIM C		PK SPEC		HEADER COLOR		CTKT SIZE		PART NO.		PLATING		DIM A		DIM B		DIM C		PK SPEC		HEADER COLOR							
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						RED					
6		76825-0006		TIN		17.75		11.4		18.75						6		172064-0206				17.75		11.4		18.75								BLUE			
8		76825-0008		TIN		23.45		17.1		24.45						8		172064-0208				23.45		17.1		24.45										YELLOW	
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											
2		172064-0002		15 GOLD		8.35		N/A		9.35						2		172064-0302				8.35		N/A		9.35											
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						2		172064-0402				8.35		N/A		9.35											
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											
																2		172064-0502				8.35		N/A		9.35											
*		2		76825-0902		TIN		8.35		N/A						9.35		4				172064-0504		12.05		N/A				13.05							
*		4		76825-0904		TIN		12.05		N/A						13.05		6				172064-0506		17.75		11.4				18.75							
*		6		76825-0906		TIN		17.75		11.4						18.75		8				172064-0508		23.45		17.1				24.45							
		8		76825-0908		TIN		23.45		17.1						24.45		10				172064-0510		29.15		22.8				30.15							
*		10		76825-0910		TIN		29.15		22.8						30.15		12				172064-0512		34.85		28.5				35.85							
		12		76825-0912		TIN		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																									
*		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																									

* DESIGNATES PART NOT RELEASED
CONTACT FACTORY FOR AVAILABILITY.

PRE-RELEASE
REFERENCE
USE ONLY

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