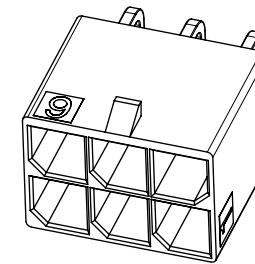
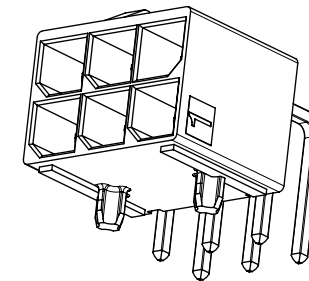
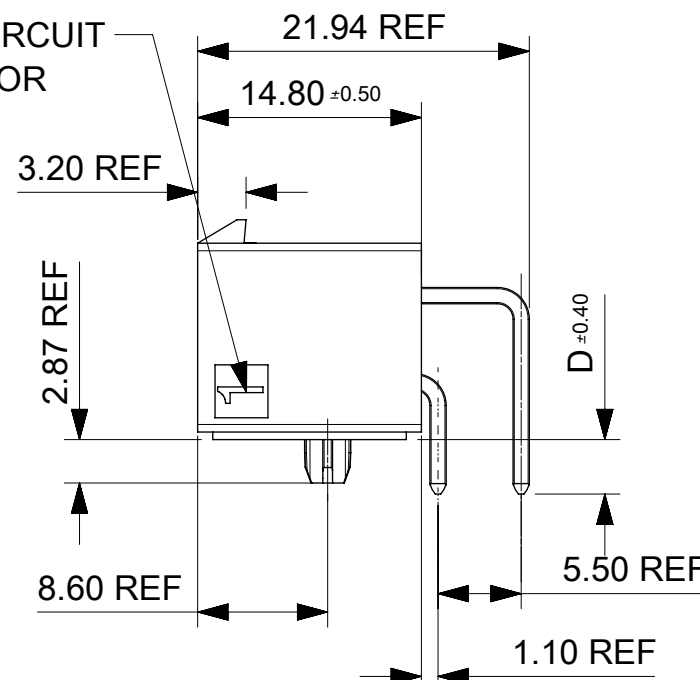


LAST CIRCUIT
INDICATOR



76825-0006 SHOWN

FIRST CIRCUIT
INDICATOR



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.

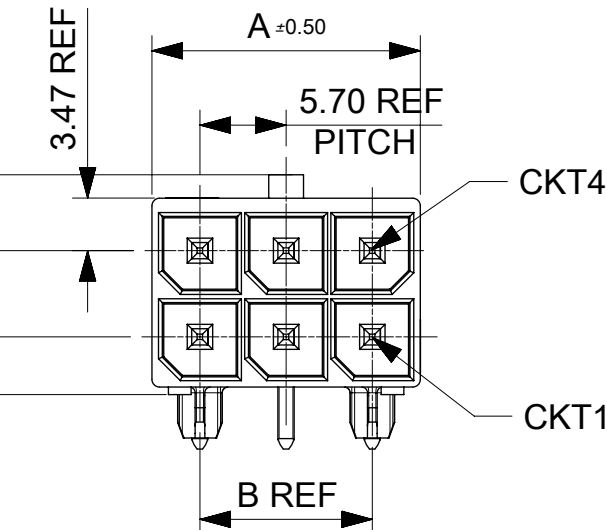
5. BLACK PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.

NON-BLACK PART MATES WITH MOLEX PART NUMBER 224983 SERIES.S.

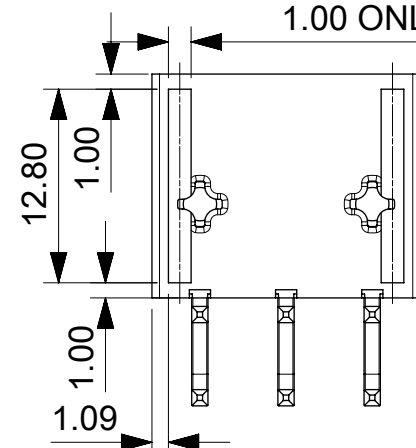
6. APPLICATION SPECIFICATION: AS-76823-100, 768232000-AS

7. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

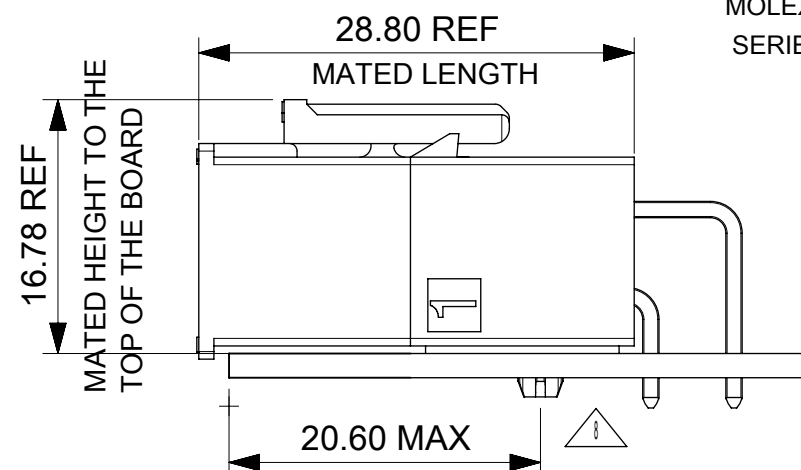
8. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED
WITHIN 20.6 MAX FROM EDGE OF PCB AS SHOWN FOR 4 THROUGH 12 CIRCUITS.
FOR 2 CIRCUIT PARTS THIS DIMENSION IS 15.1 MAX.



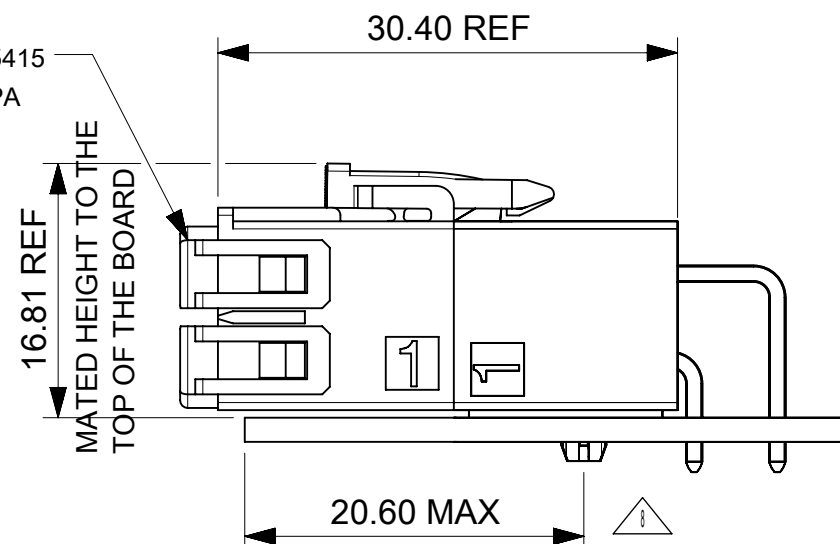
1.50 OR
1.00 ONLY USED IN 2 CKT



MOLEX 105415
SERIES TPA

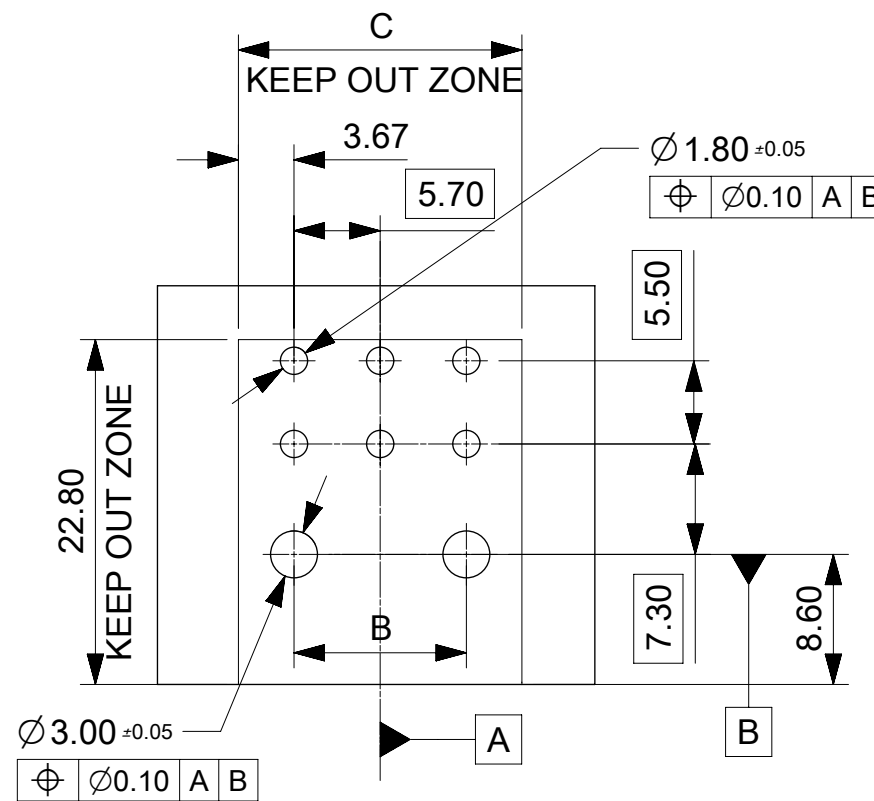
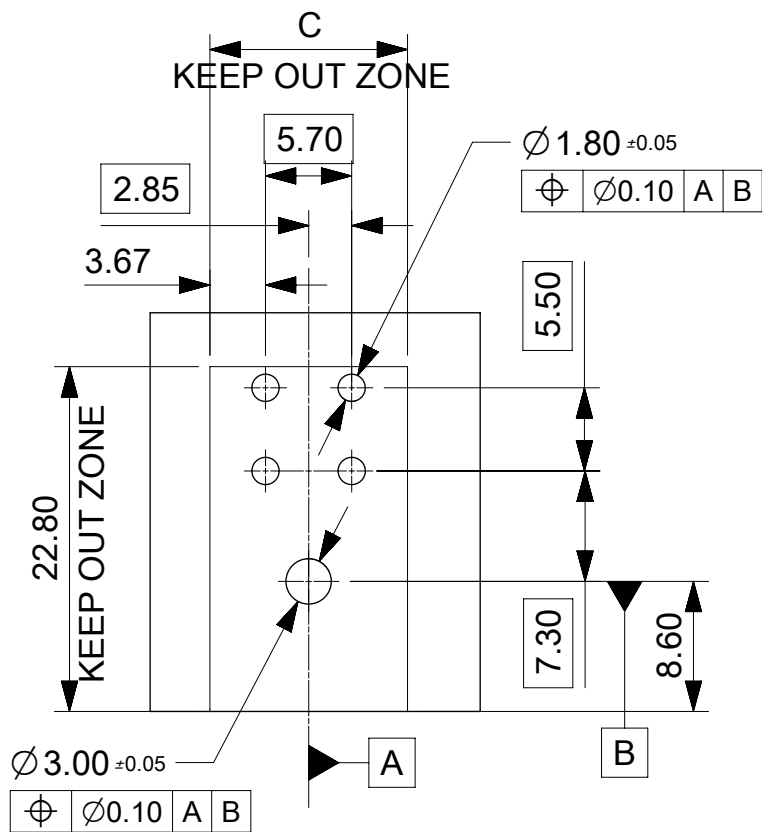
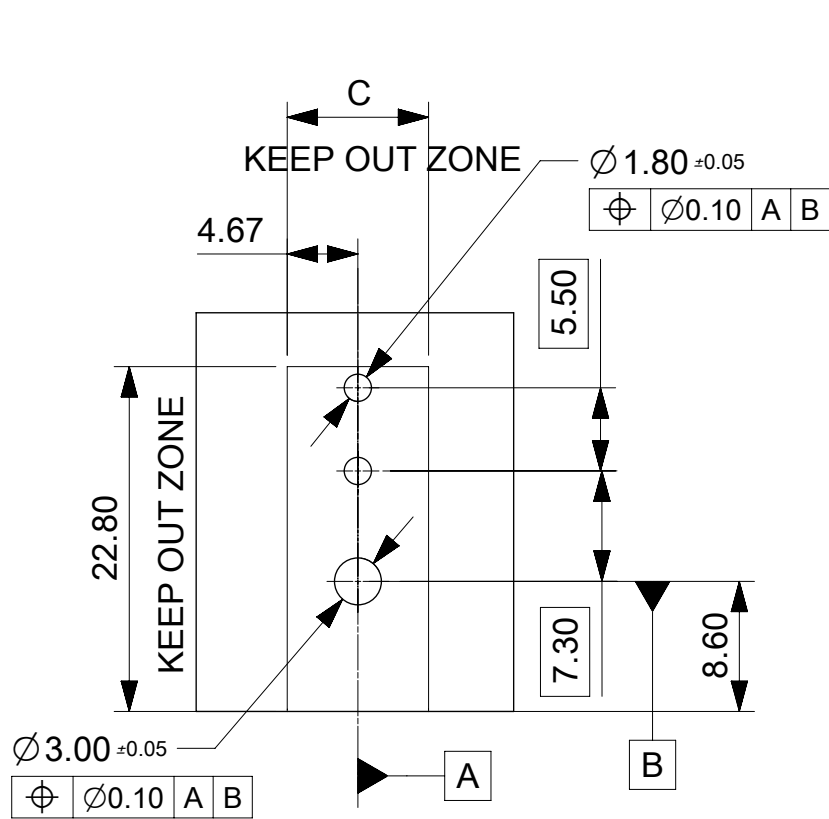
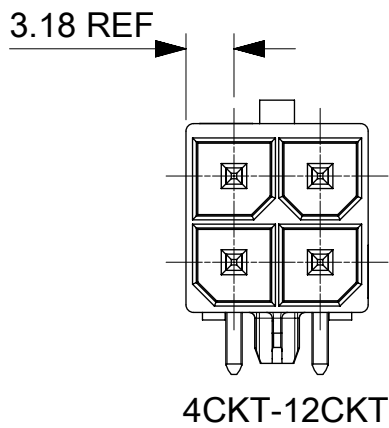
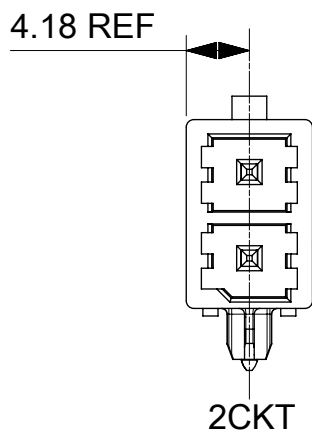


NONE-TPA VERSION



TPA-CAPABLE VERSION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
DIMENSION UNITS	SCALE			MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT			
mm	NTS			PRODUCT CUSTOMER DRAWING			
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		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	76825	SEE TABLE	GENERAL MARKET	1 OF 4



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: 811742 DRWN: WYATTTH52024/11/07 CHK'D: XQZHANG2025/02/10 APPR: XQZHANG2025/02/10 INITIAL REVISION: DRWN: MKARADIMAS2010/11/15 APPR: APATEL2012/06/13							
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				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		76825		SEE TABLE	
										CUSTOMER	
										SHEET NUMBER	
										GENERAL MARKET	
										2 OF 4	

[illegible]

10		9		8		7		6		5		4		3		2		1																																																																																																																															
	CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C	DIM D	PK SPEC	HEADER COLOR		CKT SIZE	PART NO.	PLATING	DIM A	DIM B	DIM C	DIM D	PK SPEC	HEADER COLOR																																																																																																																														
	2	76825-0002	TIN	8.35	N/A	9.35	3.60	TRAY	BLACK		2	172064-0202	TIN	8.35	N/A	9.35	3.60	TRAY	NATURAL																																																																																																																														
	4	76825-0004	TIN	12.05	N/A	13.05	3.60				4	172064-0204		12.05	N/A	13.05	3.60																																																																																																																																
	6	76825-0006	TIN	17.75	11.4	18.75	3.60				6	172064-0206		17.75	11.4	18.75	3.60																																																																																																																																
	8	76825-0008	TIN	23.45	17.1	24.45	3.60				8	172064-0208		23.45	17.1	24.45	3.60																																																																																																																																
	10	76825-0010	TIN	29.15	22.8	30.15	3.60				10	172064-0210		29.15	22.8	30.15	3.60																																																																																																																																
	12	76825-0012	TIN	34.85	28.5	35.85	3.60				12	172064-0212		34.85	28.5	35.85	3.60																																																																																																																																
											2	172064-0302		8.35	N/A	9.35	3.60																																																																																																																																
	2	76825-0102	TIN	8.35	N/A	9.35	2.50				4	172064-0304		12.05	N/A	13.05	3.60																																																																																																																																
	4	76825-0104	TIN	12.05	N/A	13.05	2.50				6	172064-0306		17.75	11.4	18.75	3.60																																																																																																																																
	6	76825-0106	TIN	17.75	11.4	18.75	2.50				8	172064-0308		23.45	17.1	24.45	3.60																																																																																																																																
	8	76825-0108	TIN	23.45	17.1	24.45	2.50				10	172064-0310		29.15	22.8	30.15	3.60																																																																																																																																
	10	76825-0110	TIN	29.15	22.8	30.15	2.50				12	172064-0312		34.85	28.5	35.85	3.60																																																																																																																																
	12	76825-0112	TIN	34.85	28.5	35.85	2.50				2	172064-0402		8.35	N/A	9.35	3.60																																																																																																																																
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	2	172064-0002	15 GOLD	8.35	N/A	9.35	3.60				6	172064-0406		17.75	11.4	18.75	3.60																																																																																																																																
	4	172064-0004	15 GOLD	12.05	N/A	13.05	3.60				8	172064-0408		23.45	17.1	24.45	3.60																																																																																																																																
	6	172064-0006	15 GOLD	17.75	11.4	18.75	3.60				10	172064-0410		29.15	22.8	30.15	3.60																																																																																																																																
	8	172064-0008	15 GOLD	23.45	17.1	24.45	3.60				12	172064-0412		34.85	28.5	35.85	3.60																																																																																																																																
	10	172064-0010	15 GOLD	29.15	22.8	30.15	3.60				2	172064-0502		8.35	N/A	9.35	3.60																																																																																																																																
	12	172064-0012	15 GOLD	34.85	28.5	35.85	3.60				4	172064-0504		12.05	N/A	13.05	3.60																																																																																																																																
	2	172064-1002	30 GOLD	8.35	N/A	9.35	3.60				6	172064-0506		17.75	11.4	18.75	3.60																																																																																																																																
	4	172064-1004	30 GOLD	12.05	N/A	13.05	3.60				8	172064-0508		23.45	17.1	24.45	3.60																																																																																																																																
	6	172064-1006	30 GOLD	17.75	11.4	18.75	3.60				10	172064-0510		29.15	22.8	30.15	3.60																																																																																																																																
	8	172064-1008	30 GOLD	23.45	17.1	24.45	3.60				12	172064-0512		34.85	28.5	35.85	3.60																																																																																																																																
	10	172064-1010	30 GOLD	29.15	22.8	30.15	3.60																																																																																																																																										
	12	172064-1012	30 GOLD	34.85	28.5	35.85	3.60																																																																																																																																										
	2	76825-0902	TIN	8.35	N/A	9.35	3.60	TAPE&REEL																																																																																																																																									
	4	76825-0904	TIN	12.05	N/A	13.05	3.60																																																																																																																																										
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	2	172064-0902	15 GOLD	8.35	N/A	9.35	3.60																																																																																																																																										
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	6	172064-0906	15 GOLD	17.75	11.4	18.75	3.60																																																																																																																																										
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	2	172064-1902	30 GOLD	8.35	N/A	9.35	3.60																																																																																																																																										
	4	172064-1904	30 GOLD	12.05	N/A	13.05	3.60																																																																																																																																										
	6	172064-1906	30 GOLD	17.75	11.4	18.75	3.60																																																																																																																																										
	8	172064-1908	30 GOLD	23.45	17.1	24.45	3.60																																																																																																																																										
	10	172064-1910	30 GOLD	29.15	22.8	30.15	3.60																																																																																																																																										
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="4">CURRENT REV DESC:</td><td colspan="4" rowspan="4"> molex MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT </td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td colspan="4">ANGULAR TOL ± 3.0 °</td></tr><tr><td colspan="2">4 PLACES</td><td colspan="2">±</td><td colspan="4">EC NO: 811742</td><td colspan="4">2024/11/07</td></tr><tr><td colspan="2">3 PLACES</td><td colspan="2">±</td><td colspan="4">DRWN: WYATTH5</td><td colspan="4">2025/02/10</td></tr><tr><td colspan="2">2 PLACES</td><td colspan="2">± 0.4</td><td colspan="4">CHK'D: XQZHANG</td><td colspan="4">2025/02/10</td></tr><tr><td colspan="2">1 PLACE</td><td colspan="2">± 0.5</td><td colspan="4">INITIAL REVISION:</td><td colspan="4">DOCUMENT NUMBER</td></tr><tr><td colspan="2">0 PLACES</td><td colspan="2">±</td><td colspan="4">DRWN: MKARADIMAS</td><td colspan="4">2010/11/15</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="4">APPR: APATEL</td><td colspan="4">2012/06/13</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">A3-SIZE</td><td colspan="2">76825</td><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td colspan="2">4 OF 4</td></tr></table> PRE-RELEASE REFERENCE USE ONLY																				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 °				4 PLACES		±		EC NO: 811742				2024/11/07				3 PLACES		±		DRWN: WYATTH5				2025/02/10				2 PLACES		± 0.4		CHK'D: XQZHANG				2025/02/10				1 PLACE		± 0.5		INITIAL REVISION:				DOCUMENT NUMBER				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			
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