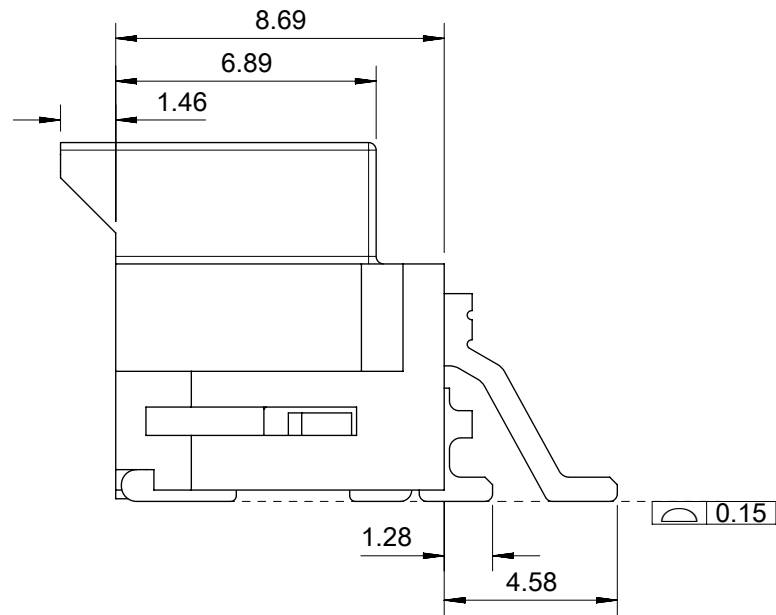
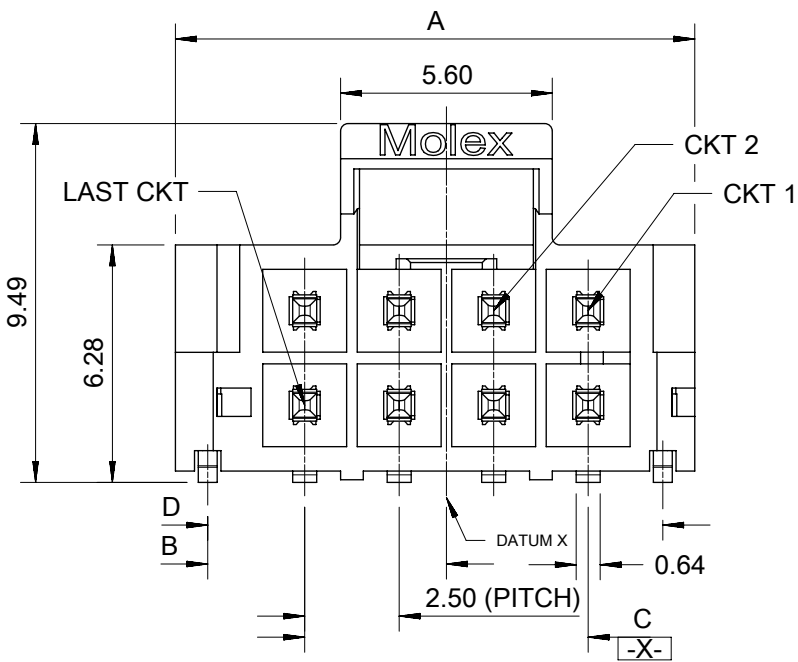
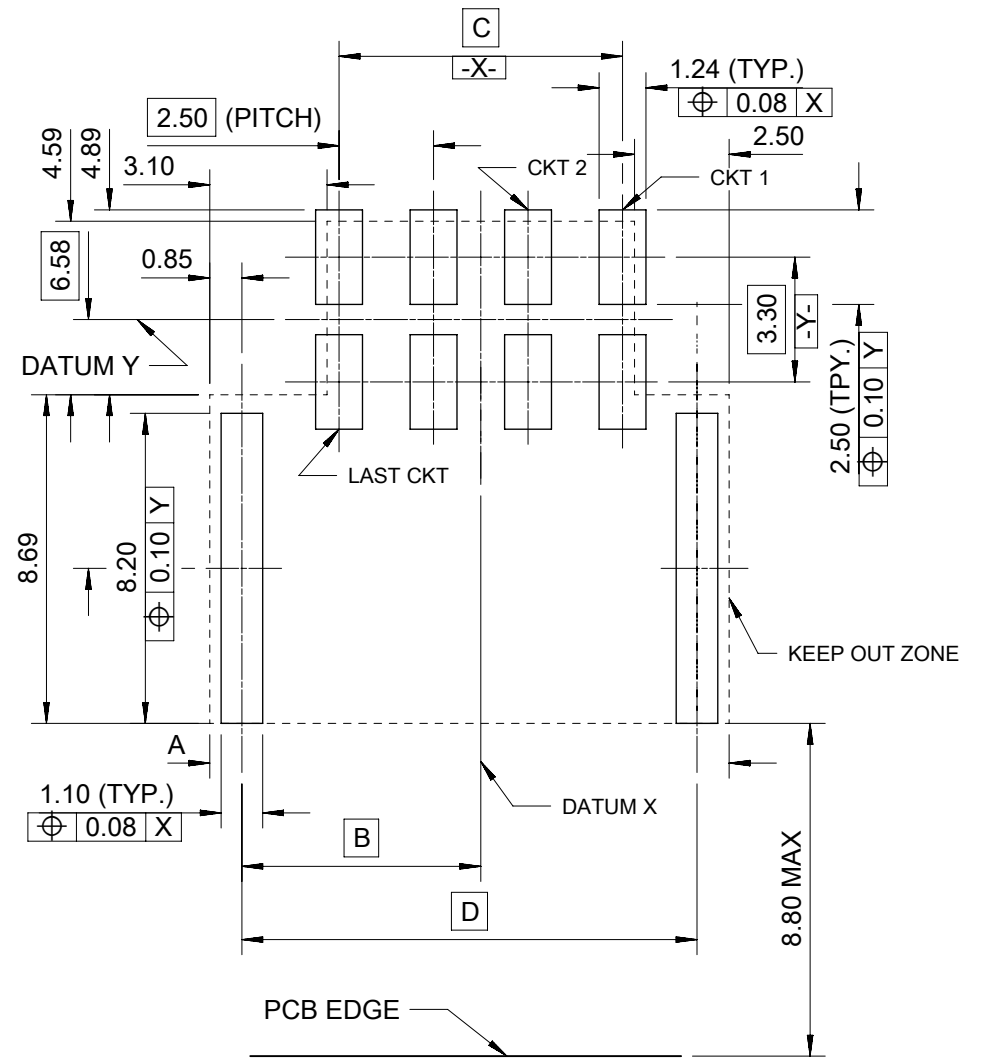
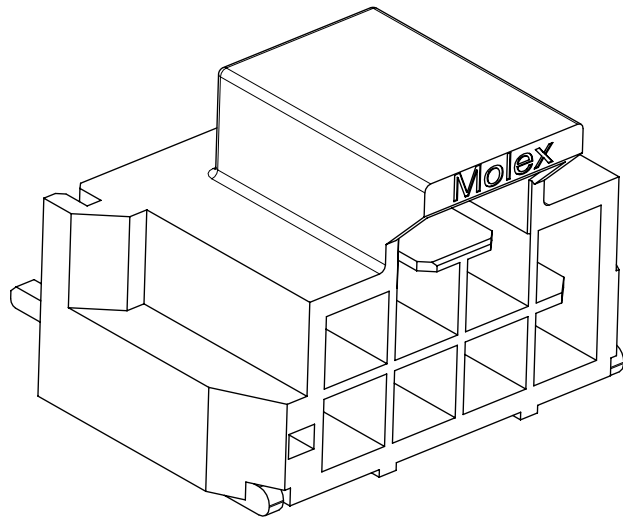




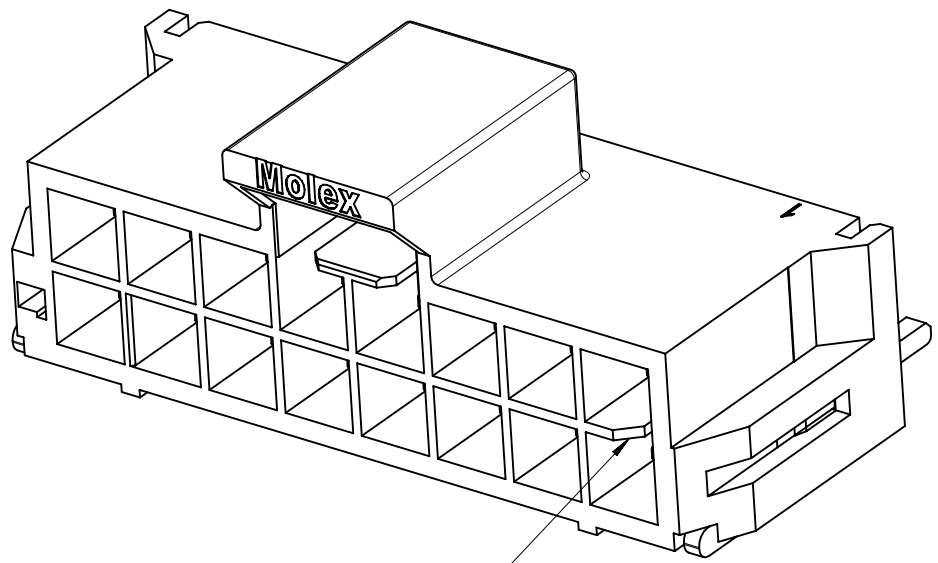
COPLANARITY NOTE:
THE COPLANARITY DIMENSION IS ESTABLISHED
BY PLACING THE ASSEMBLY ON A FLAT SURFACE.
THE DISTANCE FROM THAT SURFACE TO THE
BOTTOM OF ANY TERMINAL MUST NOT EXCEED 0.15MM.



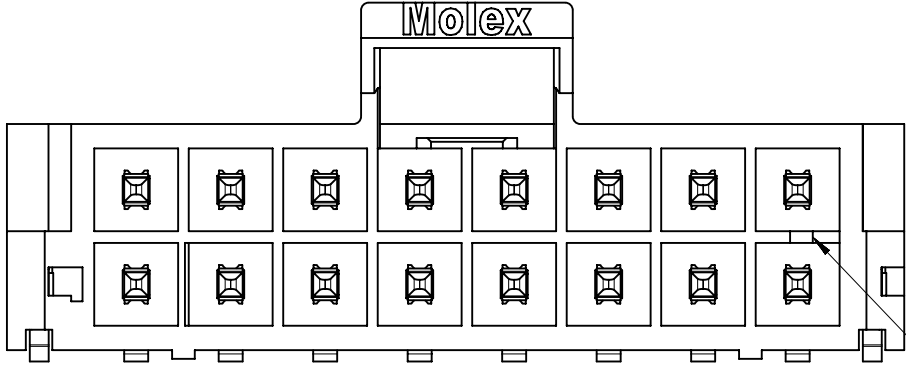
RECOMMENDED PCB LAYOUT (CONNECTOR SIDE VIEW)
THICKNESS=1.6mm MIN. TOLERANCE: ±0.05
RECOMMENDED STENCIL THICKNESS=0.2MM.



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)				SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL							
ANGULAR TOL ± 3.0 °											
4 PLACES		±		EC NO: 826596		PRODUCT CUSTOMER DRAWING					
3 PLACES		±		DRWN: GLLI 2025/05/23							
2 PLACES		± 0.2		CHK'D: XQZHANG 2025/06/26							
1 PLACE		± 0.3		APPR: XQZHANG 2025/06/26		DOCUMENT NUMBER SD-105405-001					
0 PLACES		±		INITIAL REVISION:						DOC TYPE PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 105405		REVISION E1	
						MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 4	

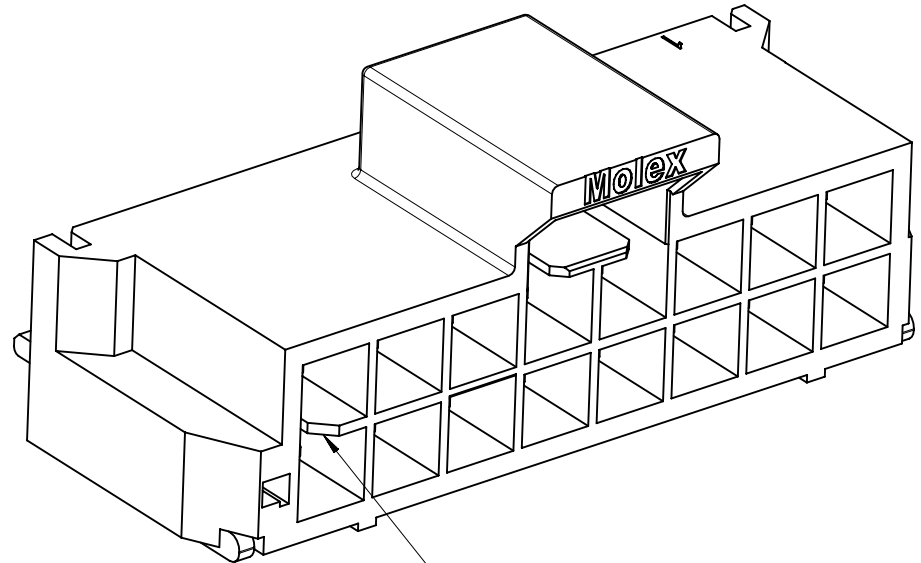


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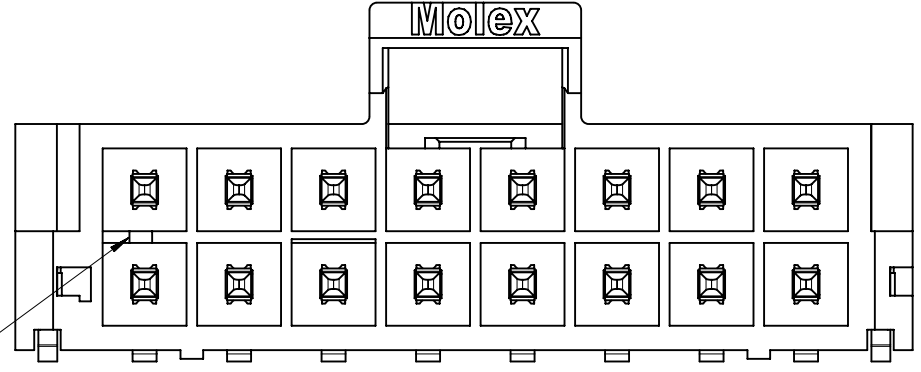


KEY A

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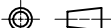
KEY B



KEY B

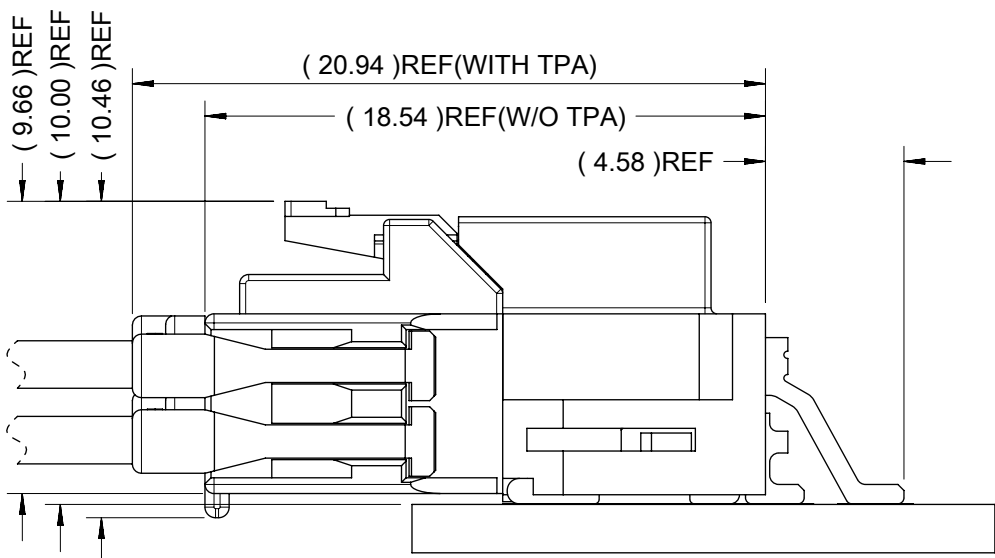
NATURAL

COLOR OPTION

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)								SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL					
ANGULAR TOL ± 3.0 °													
4 PLACES		±		EC NO: 826596		DOCUMENT NUMBER SD-105405-001		DOC TYPE PSD		DOC PART 000		REVISION E1	
3 PLACES		±		DRWN: GLLI 2025/05/23									
2 PLACES		±		CHK'D: XQZHANG 2025/06/26									
1 PLACE		± 0.2		APPR: XQZHANG 2025/06/26		PRODUCT CUSTOMER DRAWING							
0 PLACES		±		INITIAL REVISION:									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		105405				GENERAL MARKET		2 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/26	09:45:47
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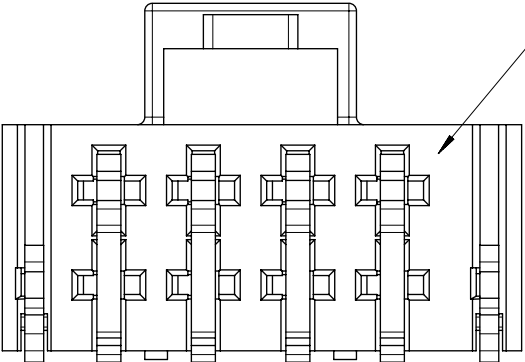
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PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE	
105405-1104	8.74	3.82	2.50	7.04	4	TIN	NO	
105405-1106	11.24	5.07	5.00	9.54	6			
105405-1108	13.74	6.32	7.50	12.04	8			
105405-1110	16.24	7.57	10.00	14.54	10			
105405-1112	18.74	8.82	12.50	17.04	12			
105405-1114	21.24	10.07	15.00	19.54	14			
105405-1116	23.74	11.32	17.50	22.04	16	GOLD 0.38		
105405-1204	8.74	3.82	2.50	7.04	4			
105405-1206	11.24	5.07	5.00	9.54	6			
105405-1208	13.74	6.32	7.50	12.04	8			
105405-1210	16.24	7.57	10.00	14.54	10			
105405-1212	18.74	8.82	12.50	17.04	12			
105405-1214	21.24	10.07	15.00	19.54	14	GOLD 0.76		
105405-1216	23.74	11.32	17.50	22.04	16			
105405-1304	8.74	3.82	2.50	7.04	4			
105405-1306	11.24	5.07	5.00	9.54	6			
105405-1308	13.74	6.32	7.50	12.04	8			
105405-1310	16.24	7.57	10.00	14.54	10			
105405-1312	18.74	8.82	12.50	17.04	12	GOLD 0.76		
105405-1314	21.24	10.07	15.00	19.54	14			
105405-1316	23.74	11.32	17.50	22.04	16			
105405-1404	8.74	3.82	2.50	7.04	4			
105405-1406	11.24	5.07	5.00	9.54	6			
105405-1408	13.74	6.32	7.50	12.04	8			
105405-1410	16.24	7.57	10.00	14.54	10	GOLD 0.76		
105405-1412	18.74	8.82	12.50	17.04	12			
105405-1414	21.24	10.07	15.00	19.54	14			
105405-1416	23.74	11.32	17.50	22.04	16			
COLOR: BLACK								



PART NUMBER	PACKING DRAWING
105405-XX04	PK-105405-001
105405-XX06	PK-105405-002
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105405-XX12	PK-105405-004
105405-XX14	
105405-XX16	

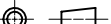
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PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE
105405-2104	8.74	3.82	2.50	7.04	4	TIN	NO
105405-2106	11.24	5.07	5.00	9.54	6		
105405-2108	13.74	6.32	7.50	12.04	8		
105405-2110	16.24	7.57	10.00	14.54	10		
105405-2112	18.74	8.82	12.50	17.04	12		
105405-2114	21.24	10.07	15.00	19.54	14		
105405-2116	23.74	11.32	17.50	22.04	16	GOLD 0.38	
105405-2204	8.74	3.82	2.50	7.04	4		
105405-2206	11.24	5.07	5.00	9.54	6		
105405-2208	13.74	6.32	7.50	12.04	8		
105405-2210	16.24	7.57	10.00	14.54	10		
105405-2212	18.74	8.82	12.50	17.04	12		
105405-2214	21.24	10.07	15.00	19.54	14	GOLD 0.76	
105405-2216	23.74	11.32	17.50	22.04	16		
105405-2304	8.74	3.82	2.50	7.04	4		
105405-2306	11.24	5.07	5.00	9.54	6		
105405-2308	13.74	6.32	7.50	12.04	8		
105405-2310	16.24	7.57	10.00	14.54	10		
105405-2312	18.74	8.82	12.50	17.04	12	GOLD 0.76	
105405-2314	21.24	10.07	15.00	19.54	14		
105405-2316	23.74	11.32	17.50	22.04	16		
105405-2404	8.74	3.82	2.50	7.04	4		
105405-2406	11.24	5.07	5.00	9.54	6		
105405-2408	13.74	6.32	7.50	12.04	8		
105405-2410	16.24	7.57	10.00	14.54	10	GOLD 0.76	YES
105405-2412	18.74	8.82	12.50	17.04	12		
105405-2414	21.24	10.07	15.00	19.54	14		
105405-2416	23.74	11.32	17.50	22.04	16		
COLOR: NATURAL							

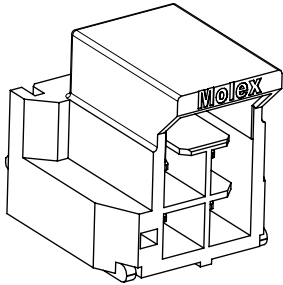
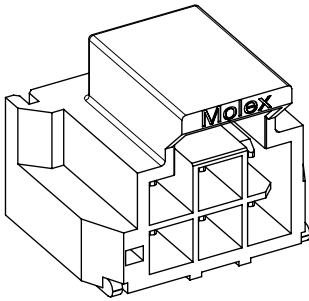
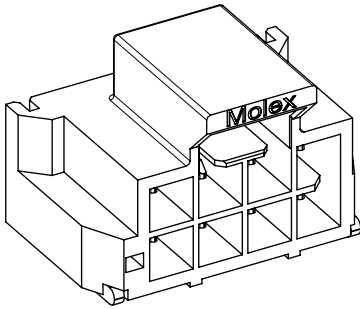
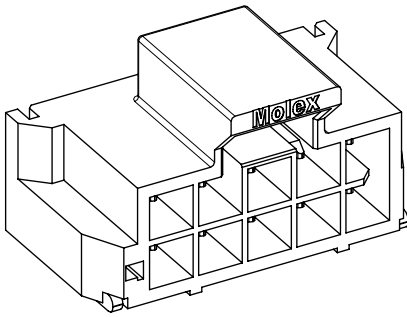
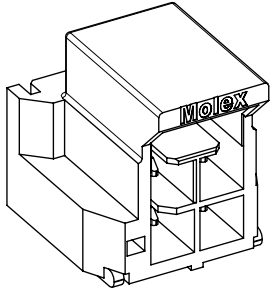
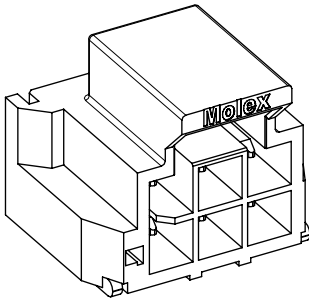
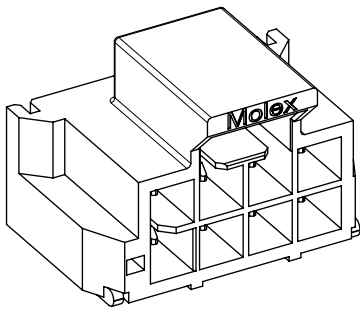
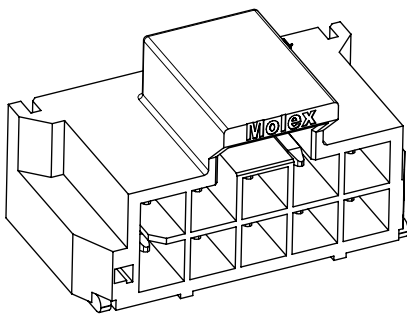
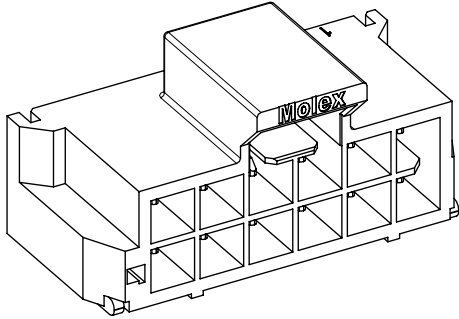
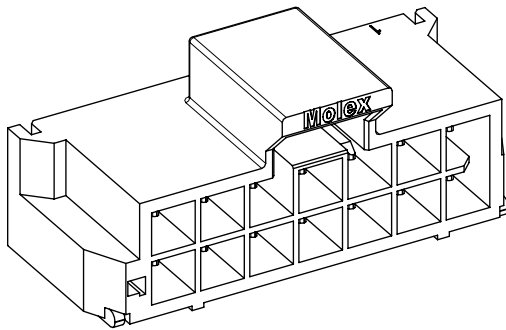
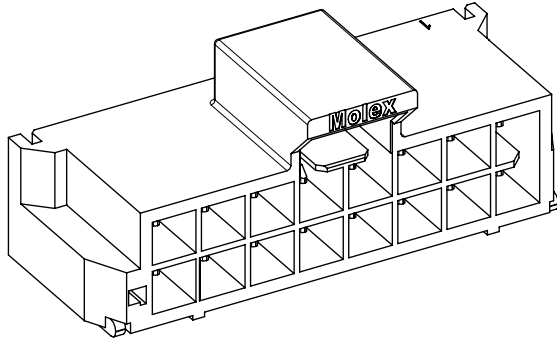
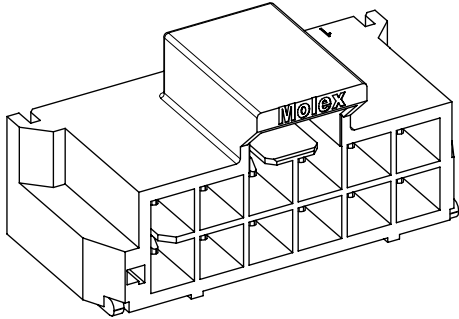
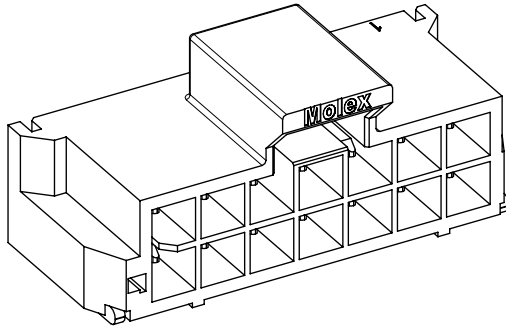
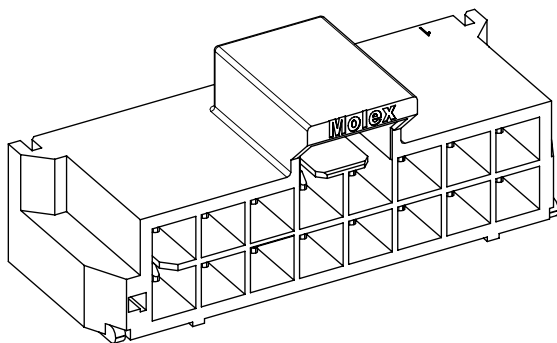
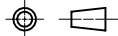
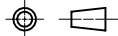
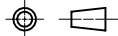
NOTES FOR ALL PARTS	
1> MATERIAL: HOUSING: LCP, UL 94V-0. TERMINAL: BRASS. SOLDER CLIP: BRASS. 2> PLATING FINISHED: TERMINAL: CONTACT AREA: a. REFLOWED MATTE TIN 0.76 MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN. SOLDER AREA: TIN 0.76 MICRONS MINIMUM. UNDER PALTING NICKEL 1.25 MICRONS MINIMUM. SOLDER CLIP: TIN 2.5 MICRONS MINIMUM; UNDER PLATING NICKEL 1.25 MICRONS MINIMUM.	3> PRODUCT SPECIFICATION: PS-105405-001. 4> PACKAGE: REEL, OTHER INFORMATION REFER TO CHAT. 5> PRODUCT MATE WITH SERIES OF 105308 AND 226362(RECEPTACLE). 6> PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



IF ANY NUMBER MARK APPEARS ON THIS SURFACE, PLEASE DISREGARD IT, IT IS NO ANY FUCTION AND NO ANY RELATION TO PIN NUMBER, IT IS JUST FOR MOLDING IDENDIFICATION.

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/26	09:45:47
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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: EC NO: 826596 DRWN: GLLI 2025/05/23 CHK'D: XQZHANG 2025/06/26 APPR: XQZHANG 2025/06/26 INITIAL REVISION: DRWN: WJHUO 2014/12/19 APPR: AYIN 2015/03/12 THIRD ANGLE PROJECTION 				molex SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-105405-001 DOC TYPE PSD DOC PART 000 REVISION E1			
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL ± 3.0 °										
4 PLACES ±										
3 PLACES ±										
2 PLACES ± 0.2										
1 PLACE ± 0.3										
0 PLACES ±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING A3-SIZE		SERIES 105405		MATERIAL NUMBER		CUSTOMER GENERAL MARKET	
							SHEET NUMBER 3 OF 4			

	10	9	8	7	6	5	4	3	2	1																																																																														
			4 CKT		6 CKT		8 CKT		10 CKT																																																																															
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E		NATURAL									E																																																																													
			12 CKT		14 CKT		16 CKT																																																																																	
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<table><tr><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td>DIMENSION UNITS</td><td>SCALE</td></tr><tr><td>mm</td><td>NTS</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td>ANGULAR TOL</td><td>± 3.0 °</td></tr><tr><td>4 PLACES</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td></tr><tr><td>2 PLACES</td><td>± 0.2</td></tr><tr><td>1 PLACE</td><td>± 0.3</td></tr><tr><td>0 PLACES</td><td>±</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr></table> <table><tr><td colspan="2">CURRENT REV DESC:</td><td colspan="2" rowspan="4"> SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL PRODUCT CUSTOMER DRAWING </td></tr><tr><td>EC NO: 826596</td><td></td></tr><tr><td>DRWN: GLLI</td><td>2025/05/23</td></tr><tr><td>CHK'D: XQZHANG</td><td>2025/06/26</td></tr><tr><td>APPR: XQZHANG</td><td>2025/06/26</td><td colspan="2">INITIAL REVISION:</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>DRWN: WJHUO</td><td>2014/12/19</td><td colspan="2">SD-105405-001</td><td>PSD</td><td>000</td><td>E1</td><td colspan="2"></td></tr><tr><td>APPR: AYIN</td><td>2015/03/12</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td></td></tr><tr><td colspan="2">THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td>CUSTOMER</td><td colspan="3">SHEET NUMBER</td></tr><tr><td colspan="2"></td><td>A3-SIZE</td><td>105405</td><td></td><td>GENERAL MARKET</td><td colspan="3">4 OF 4</td></tr></table>												THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS	SCALE	mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL	± 3.0 °	4 PLACES	±	3 PLACES	±	2 PLACES	± 0.2	1 PLACE	± 0.3	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CURRENT REV DESC:		SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL PRODUCT CUSTOMER DRAWING		EC NO: 826596		DRWN: GLLI	2025/05/23	CHK'D: XQZHANG	2025/06/26	APPR: XQZHANG	2025/06/26	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	DRWN: WJHUO	2014/12/19	SD-105405-001		PSD	000	E1			APPR: AYIN	2015/03/12								THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER					A3-SIZE	105405		GENERAL MARKET	4 OF 4		
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		A3-SIZE	105405		GENERAL MARKET	4 OF 4																																																																																		
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DOCUMENT STATUS

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