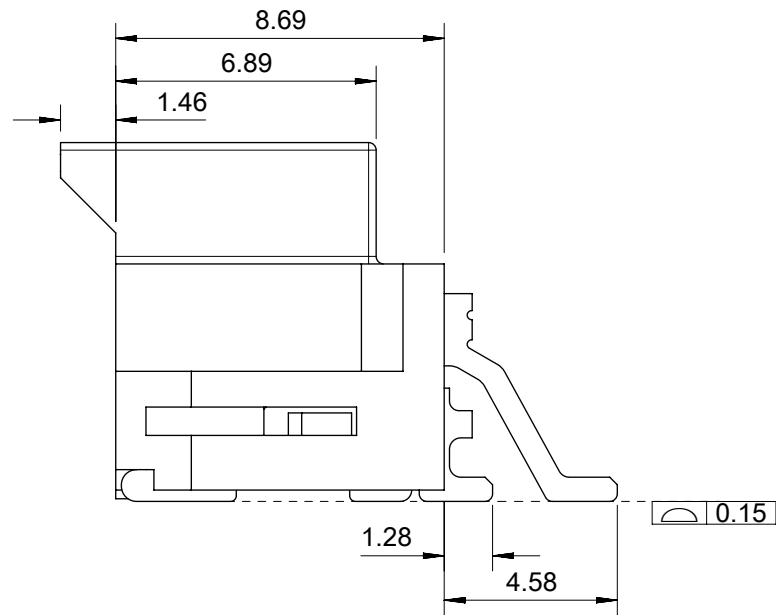
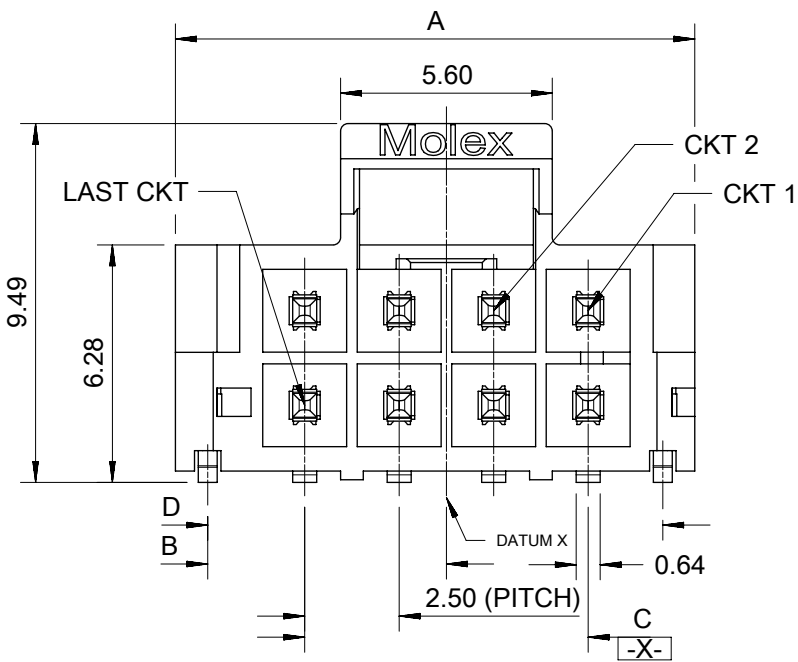
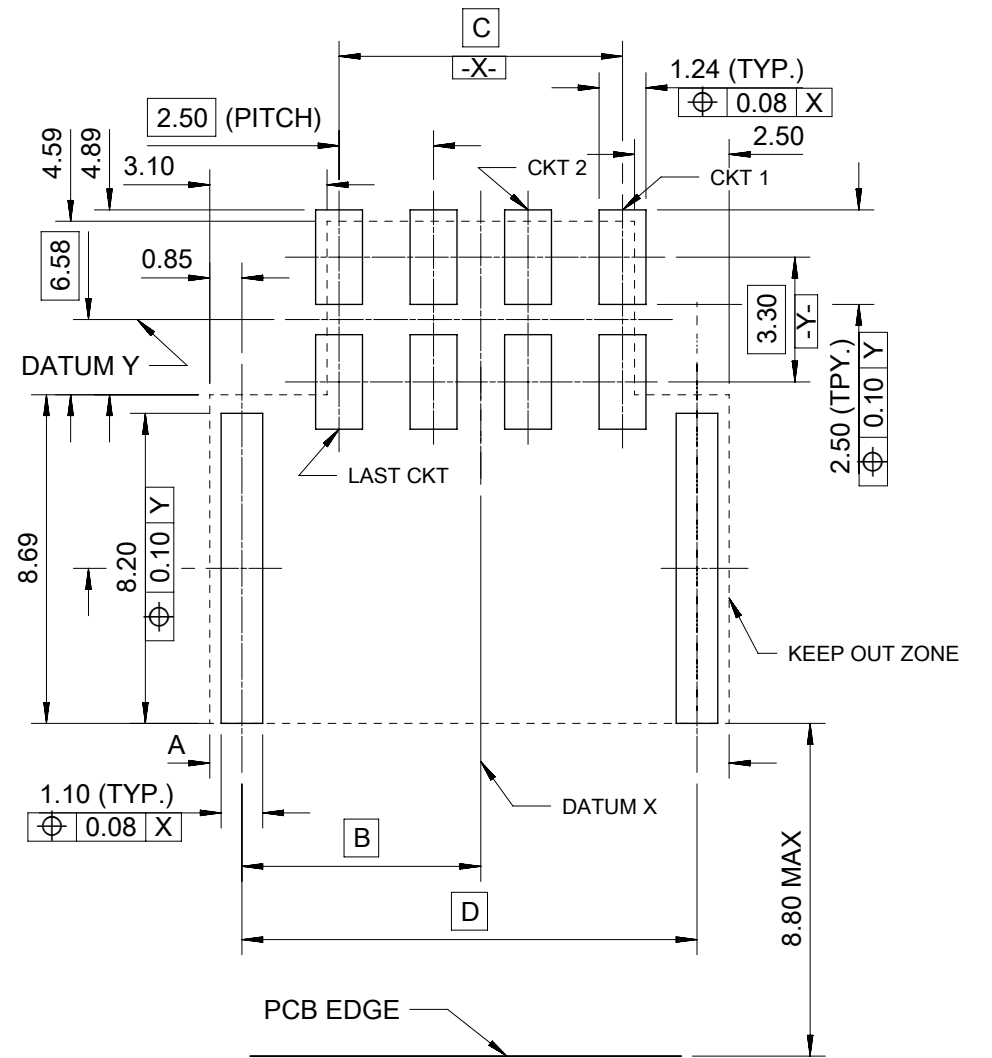
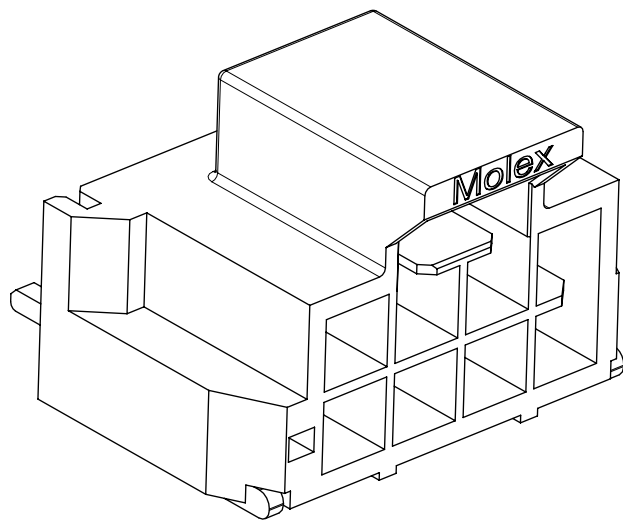




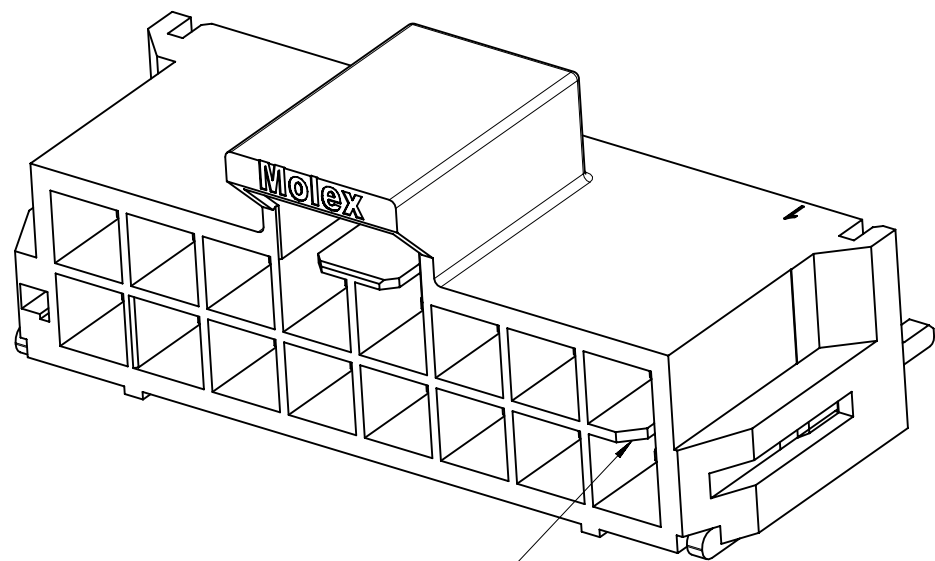
COPLANARITY NOTE:
THE COPLANARITY DIMENSION IS ESTABLISHED
BY PLACING THE ASSEMBLY ON A FLAT SURFACE.
THE DISTANCE FROM THAT SURFACE TO THE
BOTTOM OF ANY TERMINAL MUST NOT EXCEED 0.15MM.



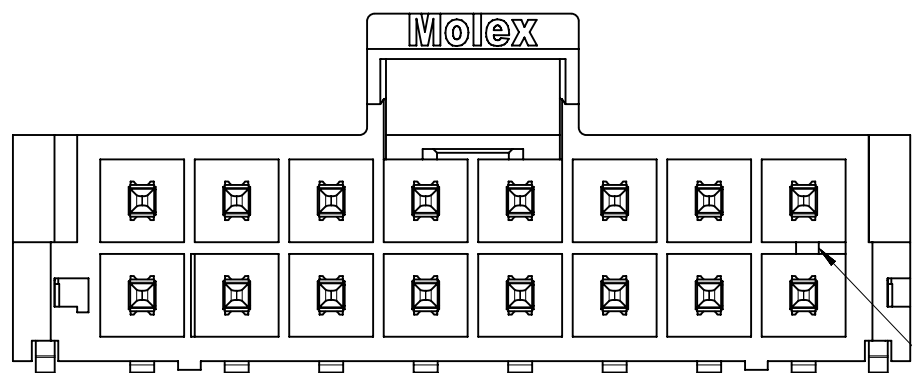
RECOMMENDED PCB LAYOUT (CONNECTOR SIDE VIEW)
THICKNESS=1.6mm MIN. TOLERANCE: ±0.05
RECOMMENDED STENCIL THICKNESS=0.2MM.



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		±											
3 PLACES		±											
2 PLACES		± 0.2											
1 PLACE		± 0.3		PRODUCT CUSTOMER DRAWING									
0 PLACES		±											
EC NO: 826596 DRWN: GLLI 2025/05/23 CHK'D: XQZHANG 2025/06/26 APPR: XQZHANG 2025/06/26				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION				
				SD-105405-001		PSD		000	E1				
				INITIAL REVISION: DRWN: WJHUO 2014/12/19 APPR: AYIN 2015/03/12				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES
		A3-SIZE						105405		GENERAL MARKET		1 OF 4	
SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL													
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DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION							
SD-105405-001		PSD		000		E1							

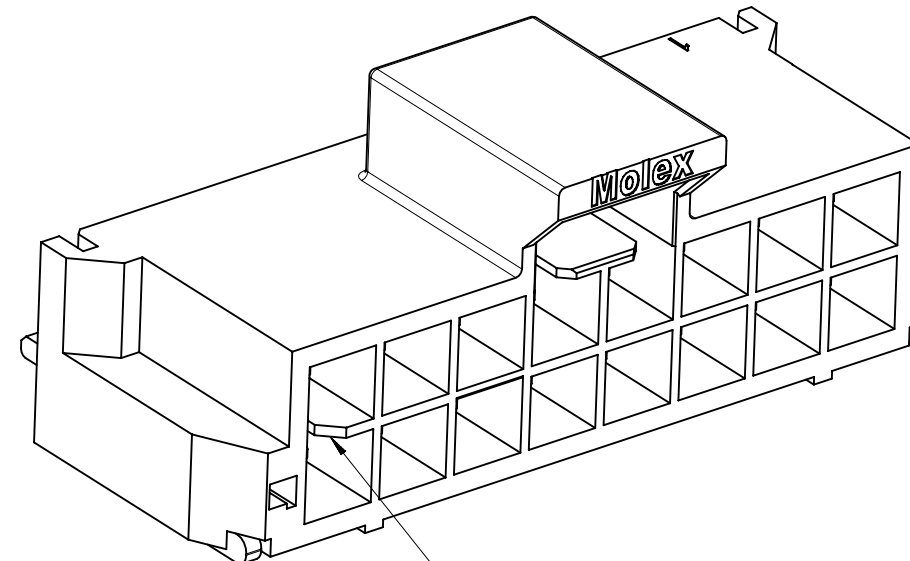


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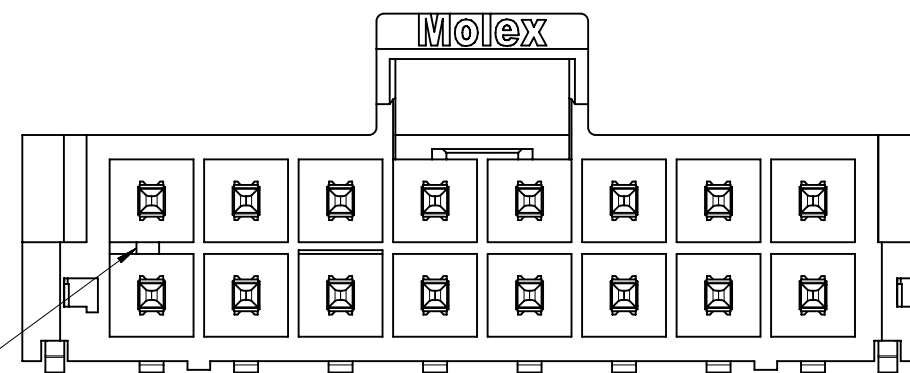


KEY A

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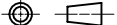
KEY B



KEY B

NATURAL

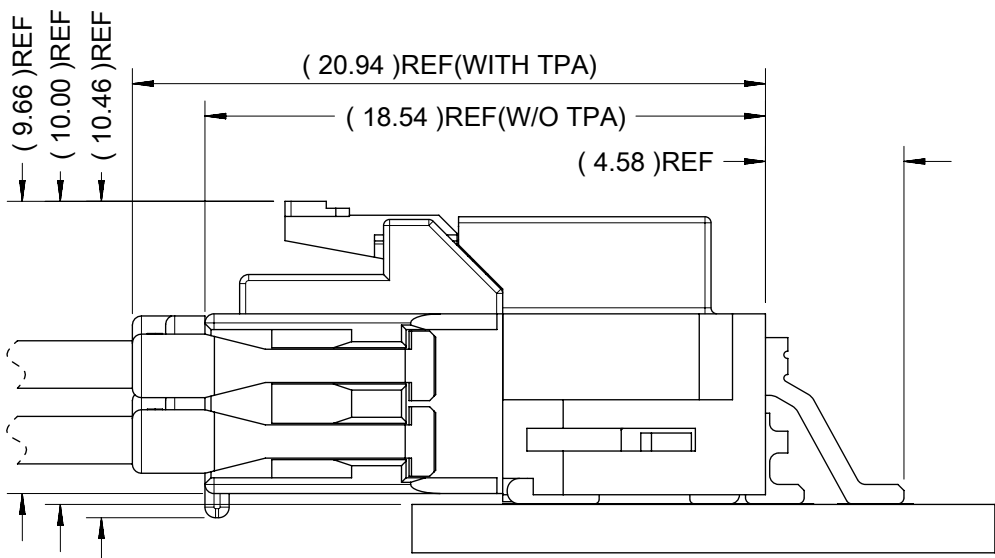
COLOR OPTION

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 PRODUCT CUSTOMER DRAWING									
ANGULAR TOL ± 3.0 °																	
4 PLACES		±		EC NO: 826596 DRWN: GLLI 2025/05/23 CHK'D: XQZHANG 2025/06/26 APPR: XQZHANG 2025/06/26													
3 PLACES		±															
2 PLACES		± 0.2															
1 PLACE		± 0.3															
0 PLACES		±		INITIAL REVISION: DRWN: WJHUO 2014/12/19 APPR: AYIN 2015/03/12				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 105405		MATERIAL NUMBER CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/26	09:45:47
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

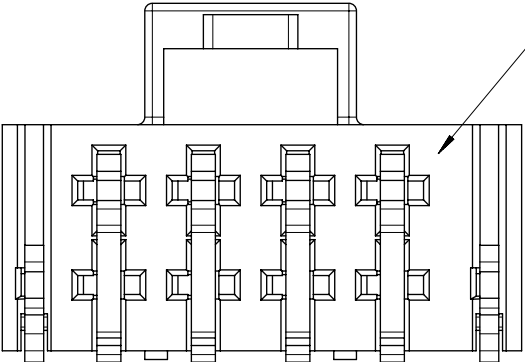
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PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE	
105405-1104	8.74	3.82	2.50	7.04	4	TIN	NO	
105405-1106	11.24	5.07	5.00	9.54	6			
105405-1108	13.74	6.32	7.50	12.04	8			
105405-1110	16.24	7.57	10.00	14.54	10			
105405-1112	18.74	8.82	12.50	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
105405-XX08	PK-105405-003
105405-XX10	
105405-XX12	PK-105405-004
105405-XX14	
105405-XX16	

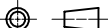
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PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE
105405-2104	8.74	3.82	2.50	7.04	4	TIN	NO
105405-2106	11.24	5.07	5.00	9.54	6		
105405-2108	13.74	6.32	7.50	12.04	8		
105405-2110	16.24	7.57	10.00	14.54	10		
105405-2112	18.74	8.82	12.50	17.04	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							

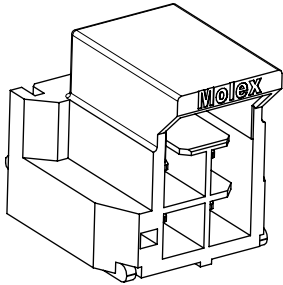
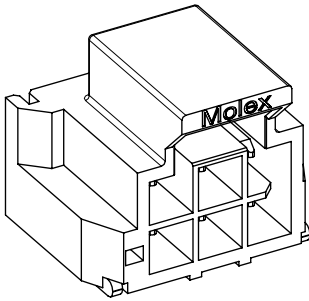
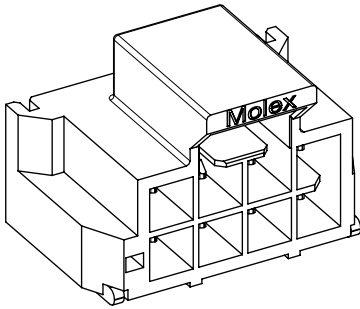
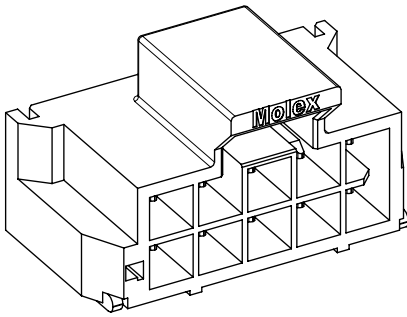
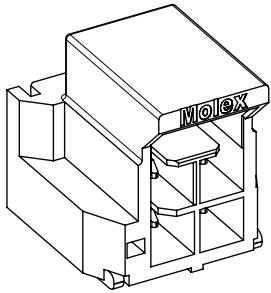
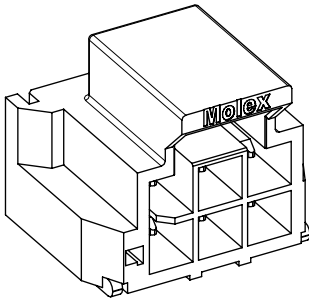
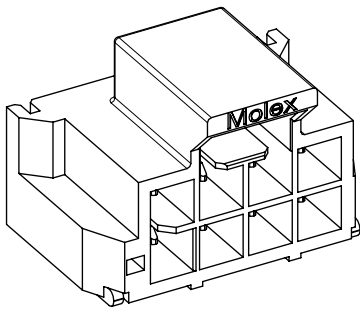
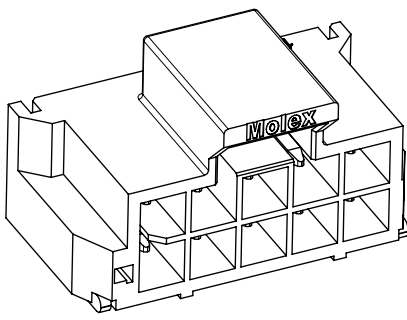
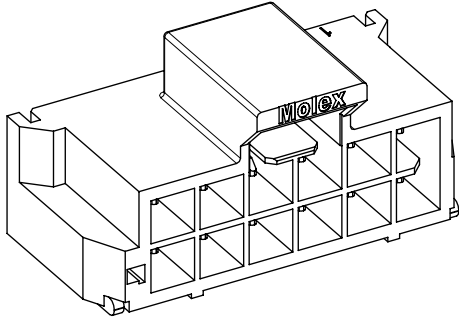
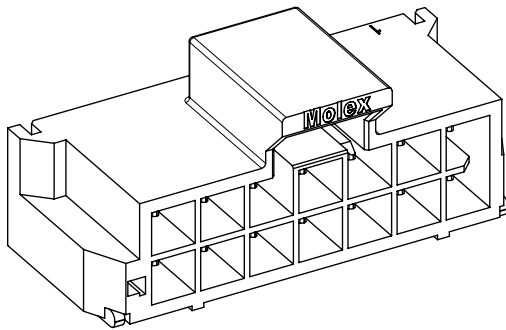
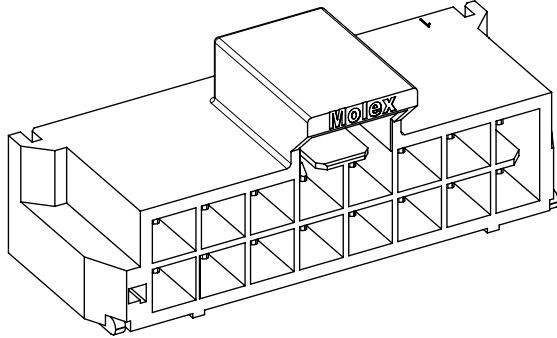
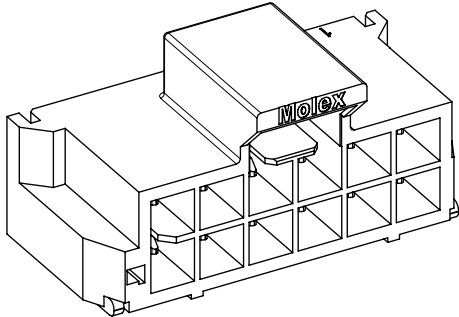
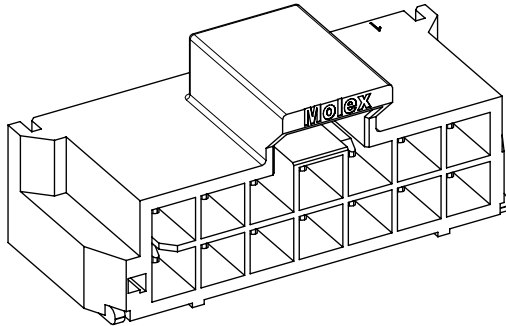
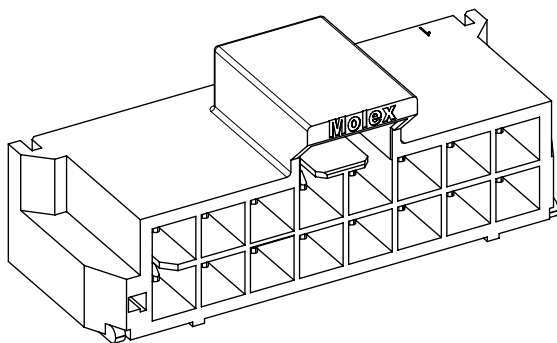
NOTES FOR ALL PARTS	
1> MATERIAL: HOUSING: LCP, UL 94V-0. TERMINAL: BRASS. SOLDER CLIP: BRASS. 2> PLATING FINISHED: TERMINAL: CONTACT AREA: a. REFLOWED MATTE TIN 0.76 MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN. SOLDER AREA: TIN 0.76 MICRONS MINIMUM. UNDER PALTING NICKEL 1.25 MICRONS 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			molex SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL								
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING								
ANGULAR TOL ± 3.0 °															
4 PLACES		±													
3 PLACES		±		DOCUMENT NUMBER SD-105405-001			DOC TYPE PSD	DOC PART 000	REVISION E1						
2 PLACES		± 0.2													
1 PLACE		± 0.3													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		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																																																																																																										
D		BLACK									D																																																																																																						
C		NATURAL									C																																																																																																						
B											B																																																																																																						
A											A																																																																																																						
<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><td colspan="2">CURRENT REV DESC:</td><td colspan="2"> molex </td></tr><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="2">SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL</td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td><td colspan="2">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">EC NO: 826596</td><td colspan="2">DOCUMENT NUMBER</td></tr><tr><td colspan="2">ANGULAR TOL ± 3.0 °</td><td colspan="2">DRWN: GLLI 2025/05/23</td><td colspan="2">SD-105405-001</td></tr><tr><td colspan="2">4 PLACES ±</td><td colspan="2">CHK'D: XQZHANG 2025/06/26</td><td colspan="2">DOC TYPE</td></tr><tr><td colspan="2">3 PLACES ±</td><td colspan="2">APPR: XQZHANG 2025/06/26</td><td colspan="2">PSD</td></tr><tr><td colspan="2">2 PLACES ± 0.2</td><td colspan="2">INITIAL REVISION:</td><td colspan="2">DOC PART</td></tr><tr><td colspan="2">1 PLACE ± 0.3</td><td colspan="2">DRWN: WJHUO 2014/12/19</td><td colspan="2">000</td></tr><tr><td colspan="2">0 PLACES ±</td><td colspan="2">APPR: AYIN 2015/03/12</td><td colspan="2">E1</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2"></td><td colspan="2">DRAWING</td><td colspan="2">4 OF 4</td></tr><tr><td colspan="2"></td><td colspan="2">A3-SIZE</td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">SERIES</td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">MATERIAL NUMBER</td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">CUSTOMER</td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">GENERAL MARKET</td><td colspan="2"></td></tr></table>												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		SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL		mm		NTS		PRODUCT CUSTOMER DRAWING		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 826596		DOCUMENT NUMBER		ANGULAR TOL ± 3.0 °		DRWN: GLLI 2025/05/23		SD-105405-001		4 PLACES ±		CHK'D: XQZHANG 2025/06/26		DOC TYPE		3 PLACES ±		APPR: XQZHANG 2025/06/26		PSD		2 PLACES ± 0.2		INITIAL REVISION:		DOC PART		1 PLACE ± 0.3		DRWN: WJHUO 2014/12/19		000		0 PLACES ±		APPR: AYIN 2015/03/12		E1		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SHEET NUMBER				DRAWING		4 OF 4				A3-SIZE						SERIES						MATERIAL NUMBER						CUSTOMER						GENERAL MARKET			
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1 PLACE ± 0.3		DRWN: WJHUO 2014/12/19		000																																																																																																													
0 PLACES ±		APPR: AYIN 2015/03/12		E1																																																																																																													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SHEET NUMBER																																																																																																													
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