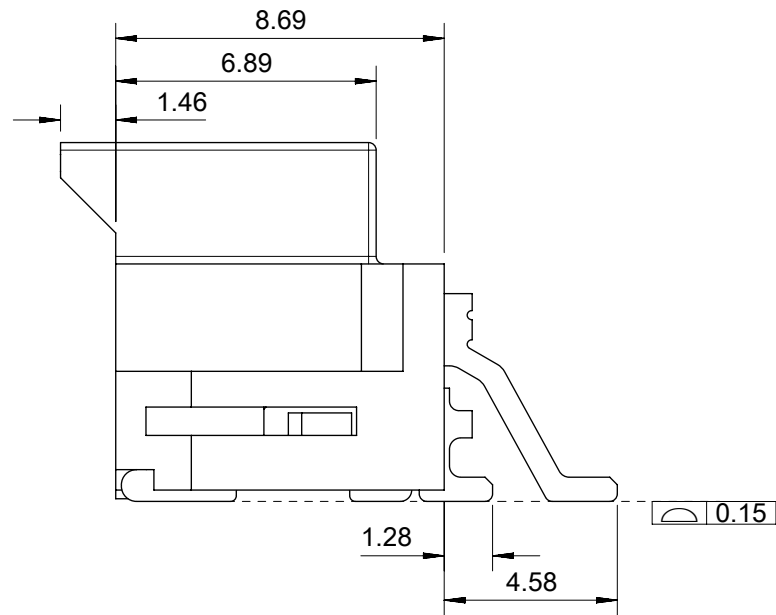
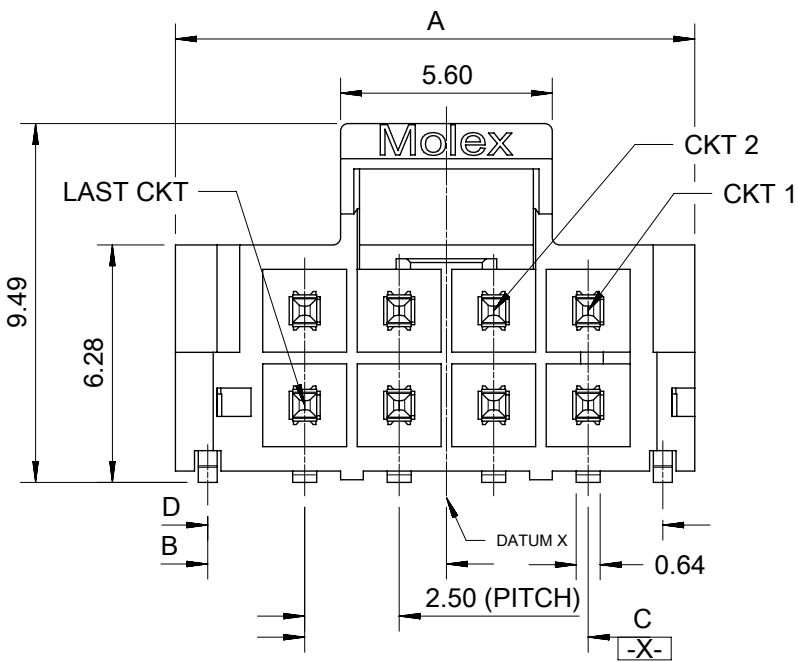
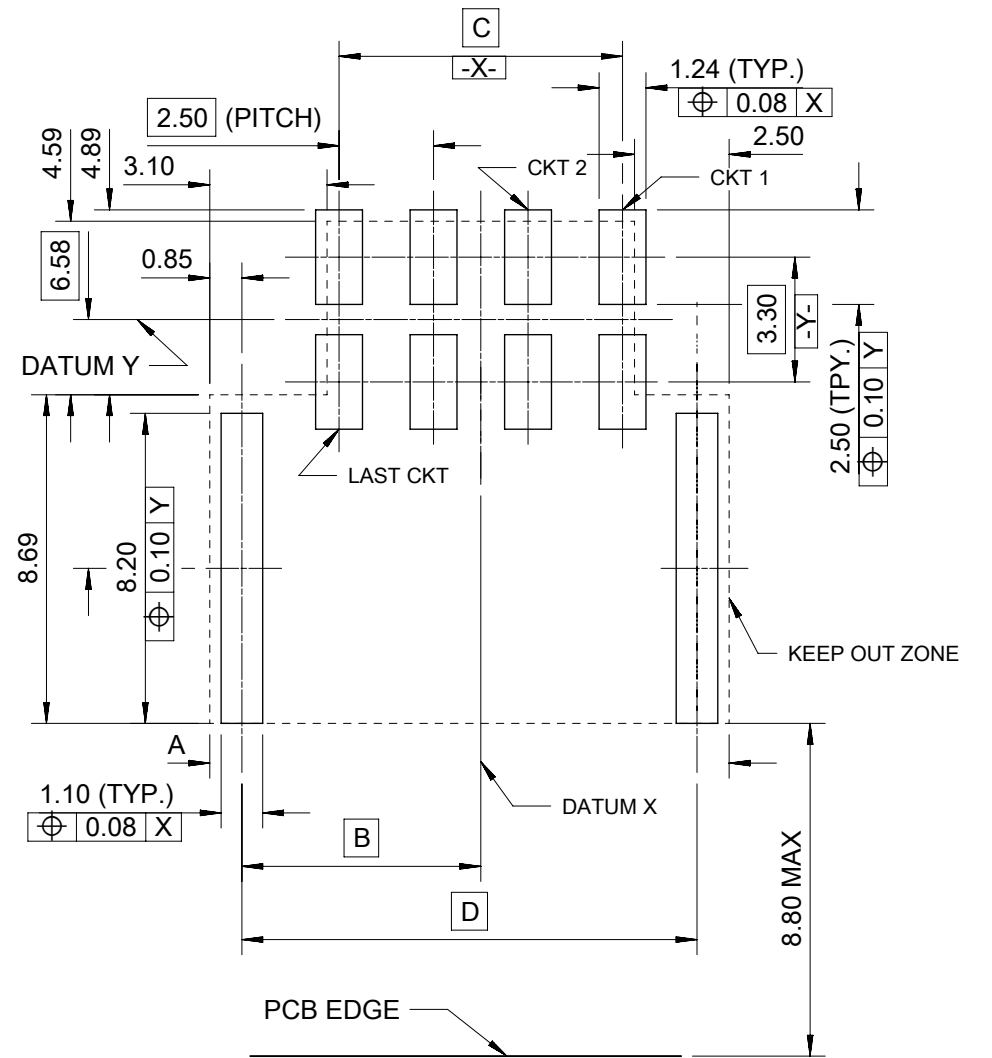
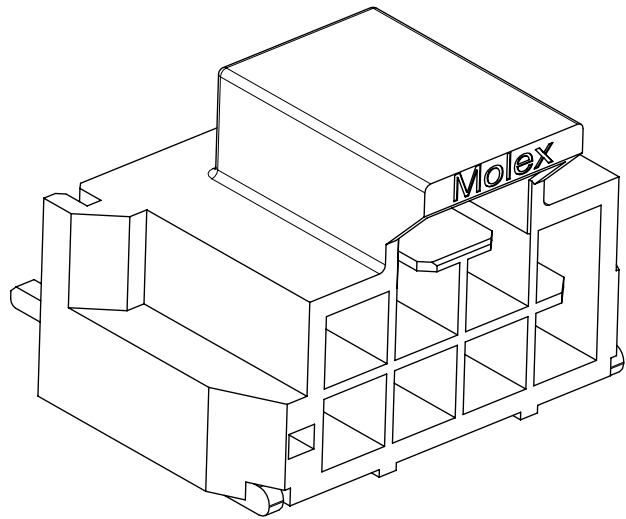




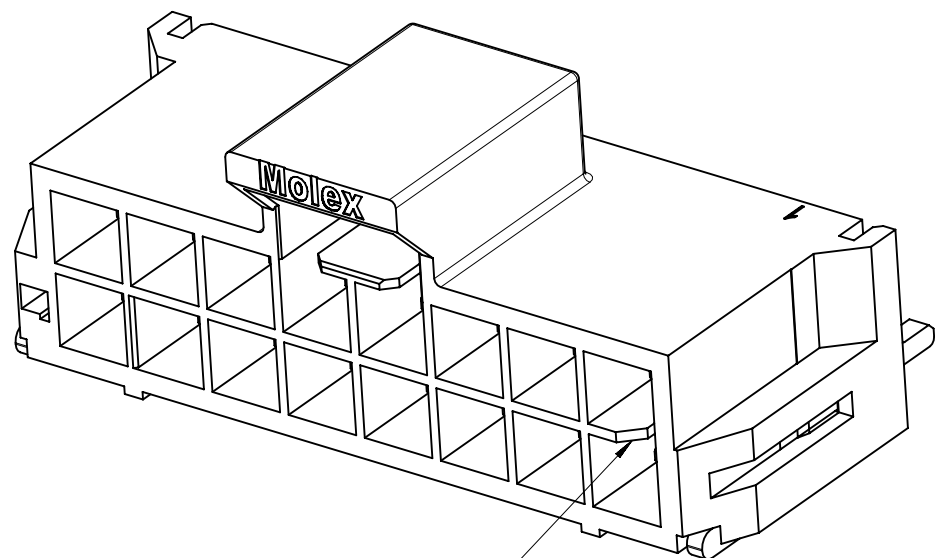
COPLANARITY NOTE:
THE COPLANARITY DIMENSION IS ESTABLISHED
BY PLACING THE ASSEMBLY ON A FLAT SURFACE.
THE DISTANCE FROM THAT SURFACE TO THE
BOTTOM OF ANY TERMINAL MUST NOT EXCEED 0.15MM.



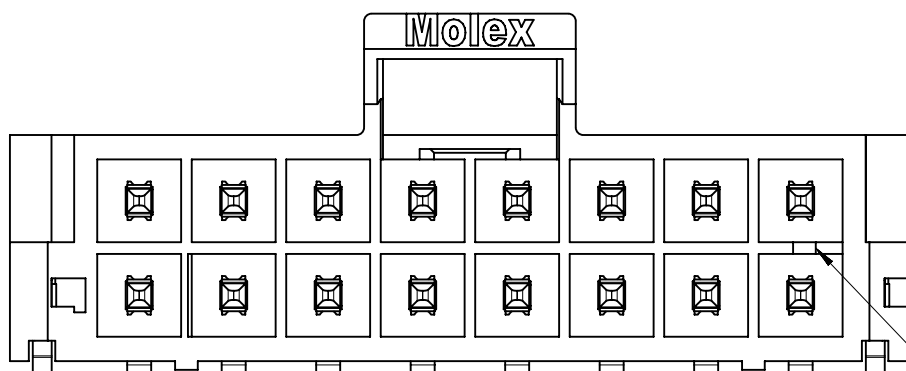
RECOMMENDED PCB LAYOUT (CONNECTOR SIDE VIEW)
THICKNESS=1.6mm MIN. TOLERANCE: ±0.05
RECOMMENDED STENCIL THICKNESS=0.2MM.



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 SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL PRODUCT CUSTOMER DRAWING											
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
ANGULAR TOL ± 3.0 °				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															
4 PLACES		±																	
3 PLACES		±																	
2 PLACES		± 0.2																	
1 PLACE		± 0.3																	
0 PLACES		±		DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				SD-105405-001				PSD		000		E1			
DRAWING				SERIES				MATERIAL NUMBER				CUSTOMER				SHEET NUMBER			
A3-SIZE				105405								GENERAL MARKET				1 OF 4			

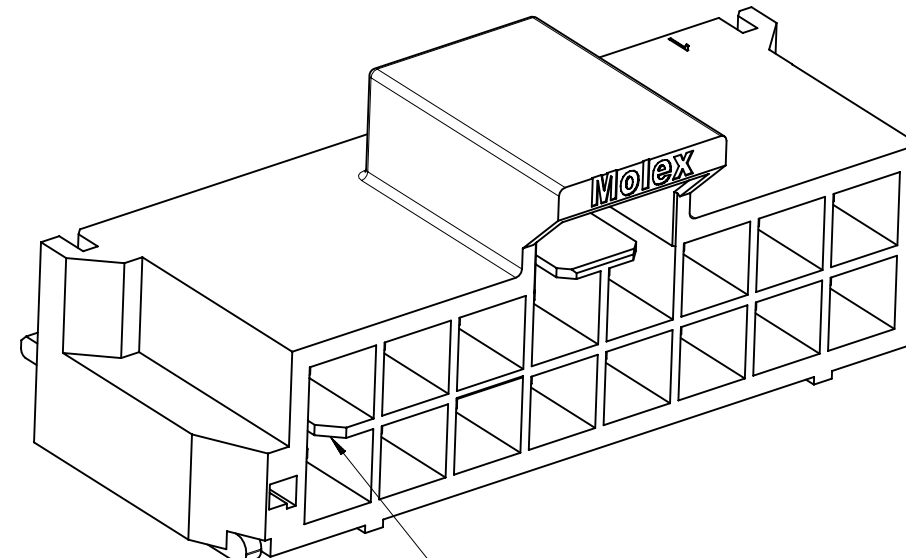


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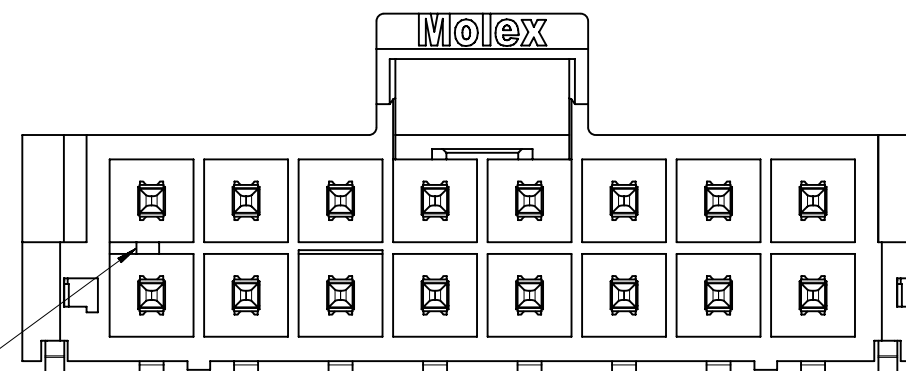


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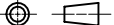
KEY B



KEY B

NATURAL

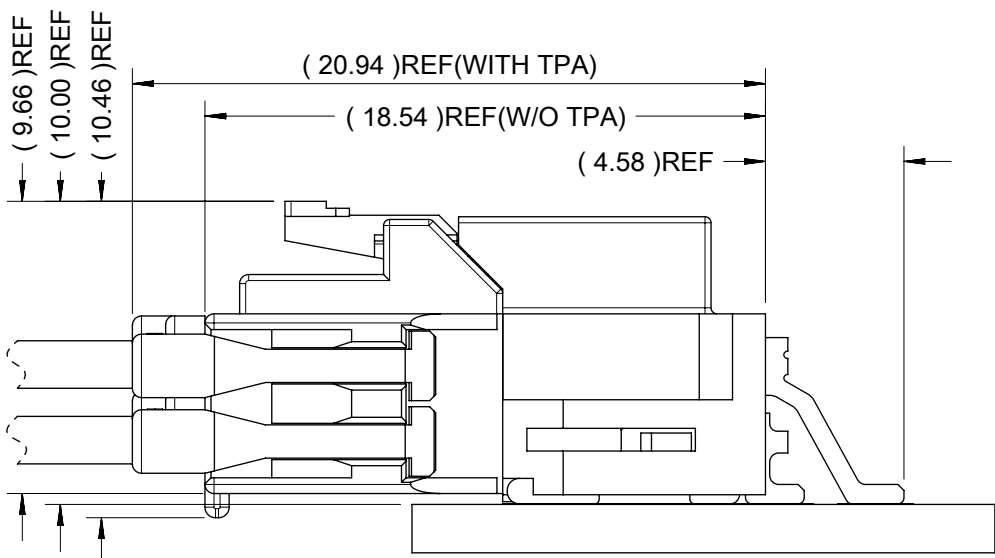
COLOR OPTION

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

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

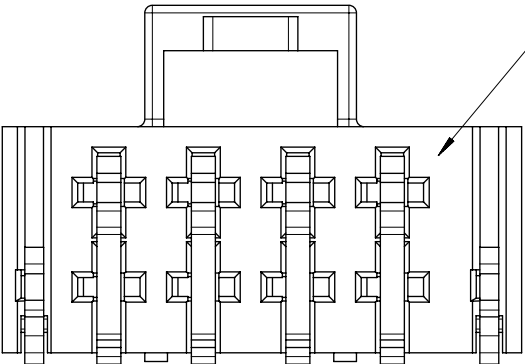
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PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE			
105405-1104	8.74	3.82	2.50	7.04	4	TIN	NO			
105405-1106	11.24	5.07	5.00	9.54	6					
105405-1108	13.74	6.32	7.50	12.04	8					
105405-1110	16.24	7.57	10.00	14.54	10					
105405-1112	18.74	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		NO		
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			NO	
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	YES			
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		YES		
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	

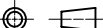
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PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE
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105405-2106	11.24	5.07	5.00	9.54	6		
105405-2108	13.74	6.32	7.50	12.04	8		
105405-2110	16.24	7.57	10.00	14.54	10		
105405-2112	18.74	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		
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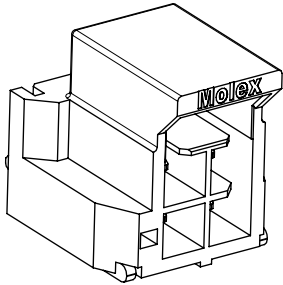
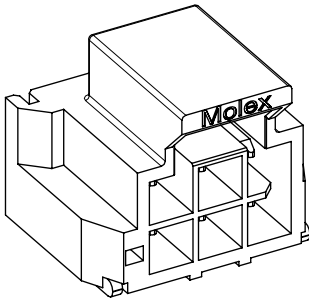
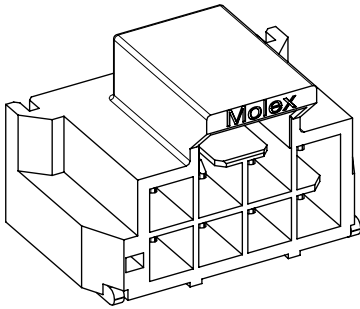
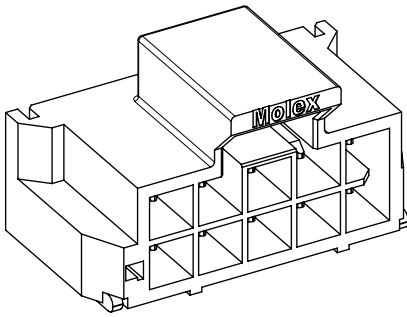
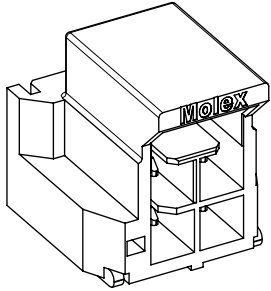
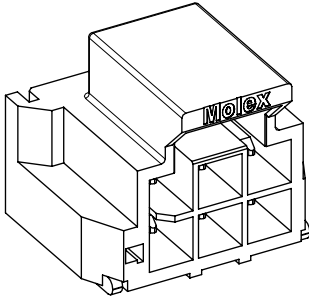
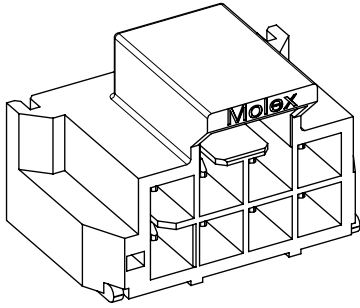
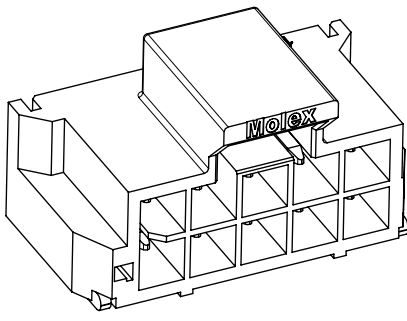
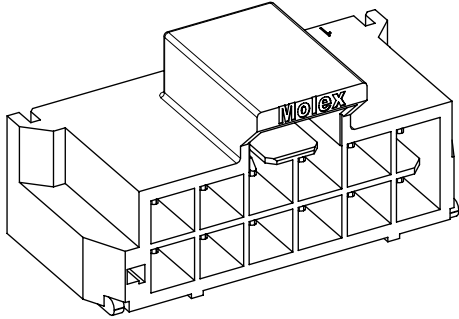
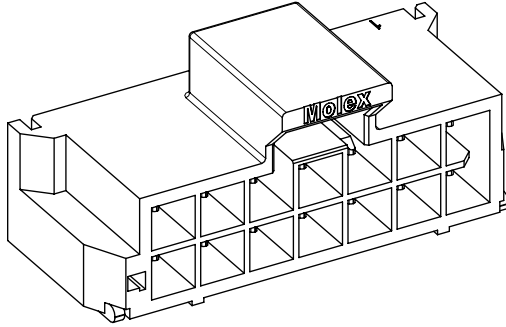
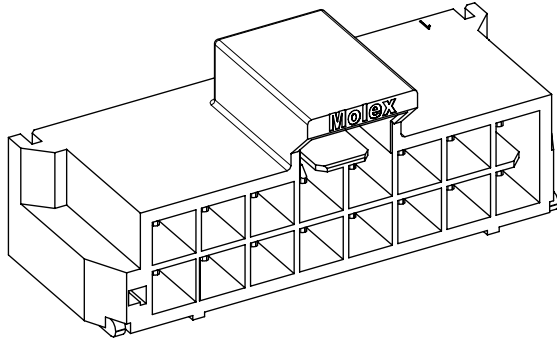
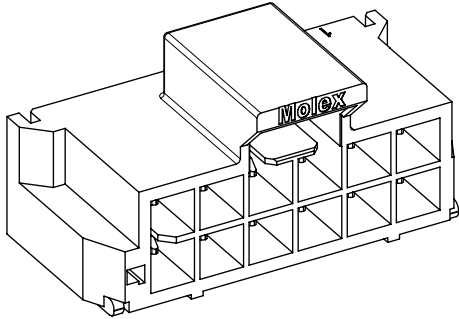
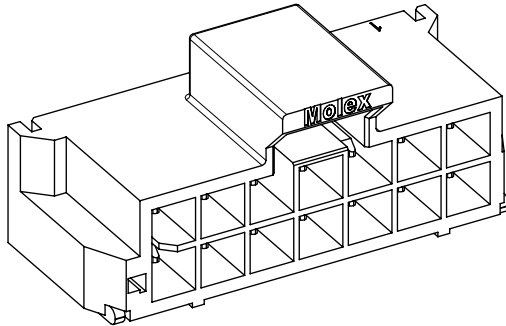
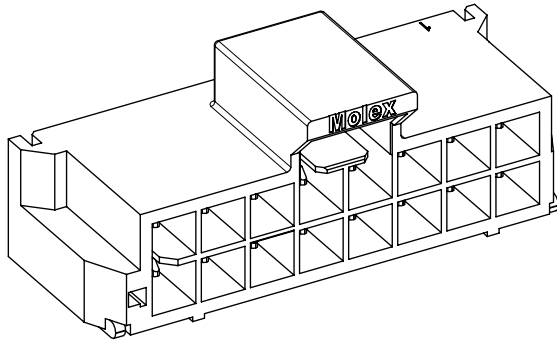
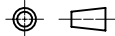
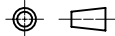
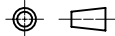
NOTES FOR ALL PARTS	
1> MATERIAL: HOUSING: LCP, UL 94V-0. TERMINAL: BRASS. SOLDER CLIP: BRASS. 2> PLATING FINISHED: TERMINAL: CONTACT AREA: a. REFLOWED MATTE TIN 0.76 MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN. SOLDER AREA: TIN 0.76 MICRONS MINIMUM. UNDER PALTING NICKEL 1.25 MICRONS 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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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		DOC TYPE PSD	DOC PART 000	REVISION E1			
0 PLACES		±		INITIAL REVISION: DRWN: WJHUO 2014/12/19 APPR: AYIN 2015/03/12											
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																																																																																																																																																																										
F		BLACK									F																																																																																																																																																																								
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D		BLACK									D																																																																																																																																																																								
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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><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="2">CURRENT REV DESC:</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">molex</td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2"></td><td colspan="2">EC NO: 826596</td><td colspan="2">2025/05/23</td><td colspan="2"></td><td colspan="2">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="2">ANGULAR TOL ± 3.0 °</td><td colspan="2"></td><td colspan="2">DRWN: GLLI</td><td colspan="2">2025/06/26</td><td colspan="2"></td><td colspan="2">DOCUMENT NUMBER</td></tr><tr><td colspan="2">4 PLACES ±</td><td colspan="2"></td><td colspan="2">CHK'D: XQZHANG</td><td colspan="2">2025/06/26</td><td colspan="2"></td><td colspan="2">SD-105405-001</td></tr><tr><td colspan="2">3 PLACES ±</td><td colspan="2"></td><td colspan="2">APPR: XQZHANG</td><td colspan="2">2025/06/26</td><td colspan="2"></td><td colspan="2">PSD</td></tr><tr><td colspan="2">2 PLACES ± 0.2</td><td colspan="2"></td><td colspan="2">INITIAL REVISION:</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">DOC PART</td></tr><tr><td colspan="2">1 PLACE ± 0.3</td><td colspan="2"></td><td colspan="2">DRWN: WJHUO</td><td colspan="2">2014/12/19</td><td colspan="2"></td><td colspan="2">REVISION</td></tr><tr><td colspan="2">0 PLACES ±</td><td colspan="2"></td><td colspan="2">APPR: AYIN</td><td colspan="2">2015/03/12</td><td colspan="2"></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">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">A3-SIZE</td><td colspan="2">105405</td><td colspan="2"></td><td colspan="2">GENERAL MARKET</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">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		CURRENT REV DESC:						molex		mm		NTS								SD DRAWING FOR SMT HEADER OF NANO-FIT RA DUAL		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 826596		2025/05/23				PRODUCT CUSTOMER DRAWING		ANGULAR TOL ± 3.0 °				DRWN: GLLI		2025/06/26				DOCUMENT NUMBER		4 PLACES ±				CHK'D: XQZHANG		2025/06/26				SD-105405-001		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				REVISION		0 PLACES ±				APPR: AYIN		2015/03/12				E1		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER						A3-SIZE		105405				GENERAL MARKET												SHEET NUMBER												4 OF 4	
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1 PLACE ± 0.3				DRWN: WJHUO		2014/12/19				REVISION																																																																																																																																																																									
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