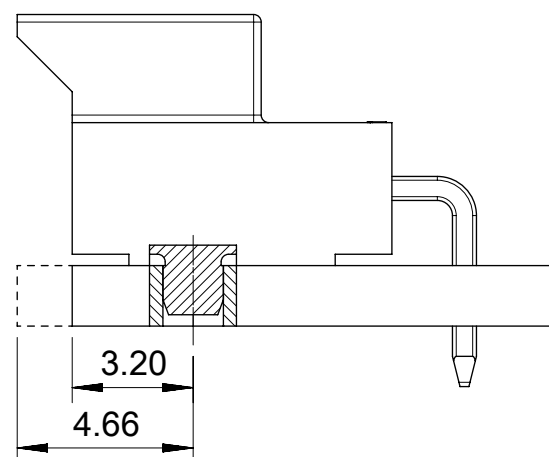
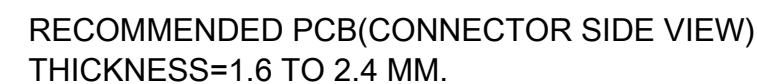
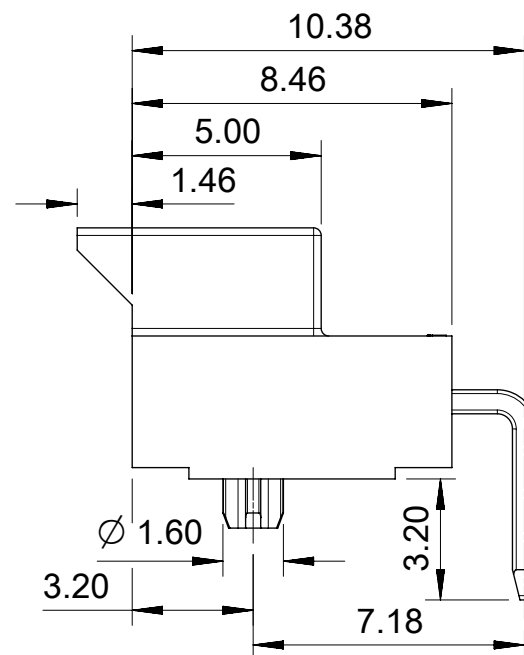
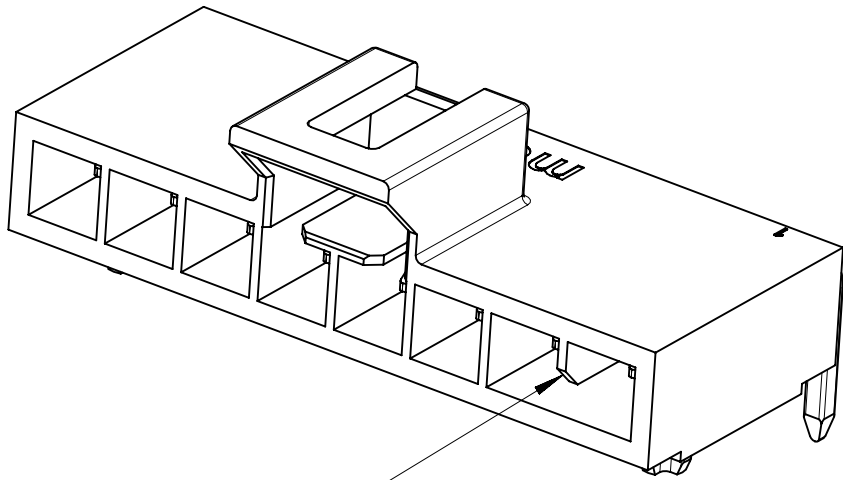


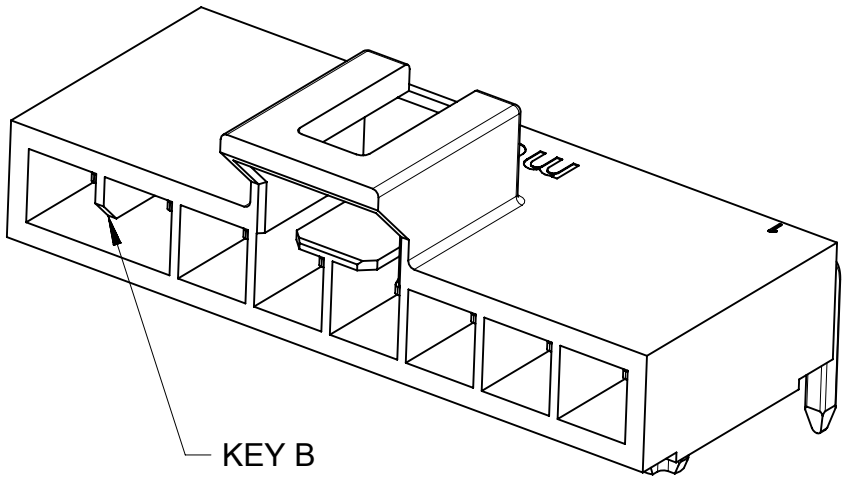


OPTION 1: LATCH FLUSH WITH PCB EDGE.
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE.

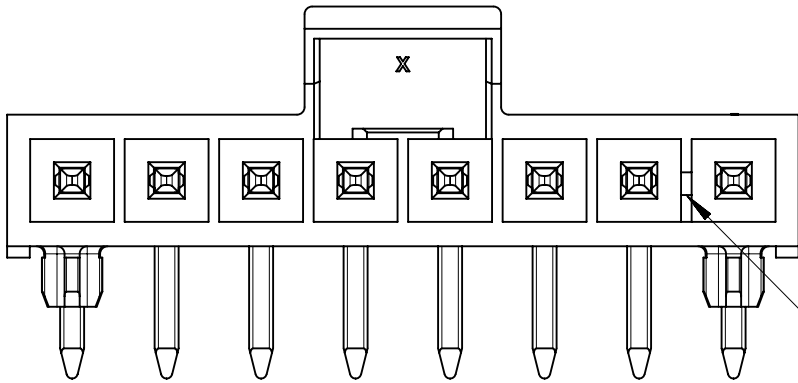
DOCUMENT STATUS	P1	RELEASE DATE	2020/11/09	01:28:34
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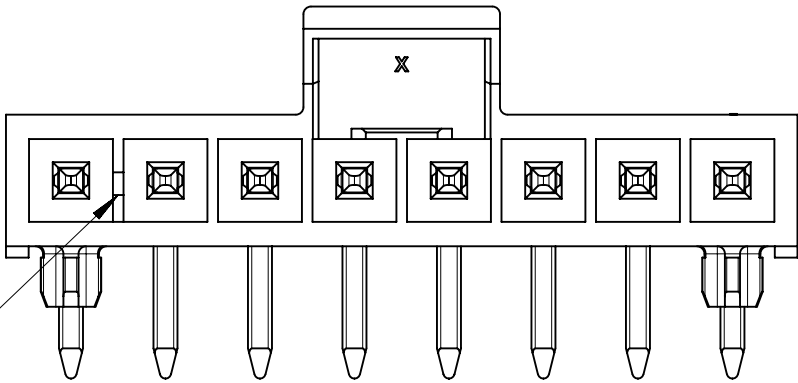
KEY A



KEY B



KEY A



KEY B

BLACK

NATURAL

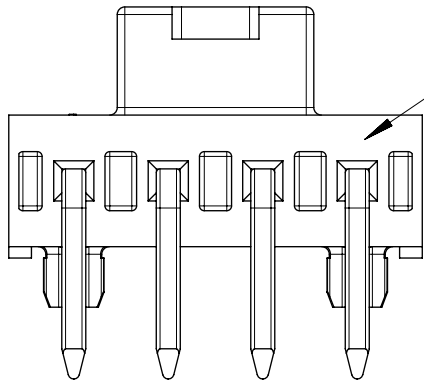
COLOR OPTION

FUNCTIONAL SYMBOLS	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: 648137 DRWN: GLLI2020/10/30 CHK'D: YXZHENG2020/11/09 APPR: YXZHENG2020/11/09 INITIAL REVISION: DRWN: GLLI2019/09/25 APPR: YXZHENG2020/03/16					molex HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR					
	mm		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL		± 3.0 °		PRODUCT CUSTOMER DRAWING											
DIVISIONAL SYMBOLS	4 PLACES		±		DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION	
	3 PLACES		± 0.1												
	2 PLACES		± 0.2		1053131000-SD				PSD		000		C		
	1 PLACE		± 0.3												
0 PLACES		±		MATERIAL NUMBER				CUSTOMER				SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET				2 OF 5	
						A3-SIZE		105313							

10		9		8		7		6		5		4		3		2		1																									
PART NUMBER		DIM 'A'		DIM 'B'		DIM 'C'		CKT SIZE		PLATING		PART NUMBER		DIM 'A'		DIM 'B'		DIM 'C'		CKT SIZE		PLATING																					
105313-1502		5.94		2.50		3.14		2				105313-2502		5.94		2.50		3.14		2		TIN																					
105313-1503		8.44		5.00		5.64		3				105313-2503		8.44		5.00		5.64		3																							
105313-1504		10.94		7.50		8.14		4				105313-2504		10.94		7.50		8.14		4																							
105313-1505		13.44		10.00		10.64		5				105313-2505		13.44		10.00		10.64		5																							
105313-1506		15.94		12.50		13.14		6				105313-2506		15.94		12.50		13.14		6																							
105313-1507		18.44		15.00		15.64		7				105313-2507		18.44		15.00		15.64		7																							
105313-1508		20.94		17.50		18.14		8				105313-2508		20.94		17.50		18.14		8																							
105313-1702		5.94		2.50		3.14		2				105313-2702		5.94		2.50		3.14		2		GOLD 0.38																					
105313-1703		8.44		5.00		5.64		3				105313-2703		8.44		5.00		5.64		3																							
105313-1704		10.94		7.50		8.14		4				105313-2704		10.94		7.50		8.14		4																							
105313-1705		13.44		10.00		10.64		5				105313-2705		13.44		10.00		10.64		5																							
105313-1706		15.94		12.50		13.14		6				105313-2706		15.94		12.50		13.14		6																							
105313-1707		18.44		15.00		15.64		7				105313-2707		18.44		15.00		15.64		7																							
105313-1708		20.94		17.50		18.14		8				105313-2708		20.94		17.50		18.14		8																							
105313-1602		5.94		2.50		3.14		2				105313-2602		5.94		2.50		3.14		2		GOLD 0.76																					
105313-1603		8.44		5.00		5.64		3				105313-2603		8.44		5.00		5.64		3																							
105313-1604		10.94		7.50		8.14		4				105313-2604		10.94		7.50		8.14		4																							
105313-1605		13.44		10.00		10.64		5				105313-2605		13.44		10.00		10.64		5																							
105313-1606		15.94		12.50		13.14		6				105313-2606		15.94		12.50		13.14		6																							
105313-1607		18.44		15.00		15.64		7				105313-2607		18.44		15.00		15.64		7																							
105313-1608		20.94		17.50		18.14		8				105313-2608		20.94		17.50		18.14		8																							
105313-1802		5.94		2.50		3.14		2				105313-2802		5.94		2.50		3.14		2		GOLD 0.76 + LUBE																					
105313-1803		8.44		5.00		5.64		3				105313-2803		8.44		5.00		5.64		3																							
105313-1804		10.94		7.50		8.14		4				105313-2804		10.94		7.50		8.14		4																							
105313-1805		13.44		10.00		10.64		5				105313-2805		13.44		10.00		10.64		5																							
105313-1806		15.94		12.50		13.14		6				105313-2806		15.94		12.50		13.14		6																							
105313-1807		18.44		15.00		15.64		7				105313-2807		18.44		15.00		15.64		7																							
105313-1808		20.94		17.50		18.14		8				105313-2808		20.94		17.50		18.14		8																							
COLOR: BLACK																						COLOR: NATURAL																					

10	9	8	7	6	5	4	3	2	1		
		2 CKT		3 CKT		4 CKT		5 CKT			
F	BLACK									F	
E	NATURAL									E	
		6 CKT		7 CKT		8 CKT					
D	BLACK									D	
C	NATURAL									C	
B										B	
A											A
DOCUMENT STATUS		P1	RELEASE DATE		2020/11/09 01:28:34						
Downloaded from Arrow.com		8	7	6	5	4	3	2	1		

NOTES FOR ALL PARTS									
1> MATERIAL: HOUSING: LCP, UL 94V-0; TERMINAL: BRASS.					3> PRODUCT SPECIFICATION: PS-105300-100.				
2> PLATING FINISHED: TERMINAL: CONTACT AREA: a. REFLOW MATTE TIN 1.5MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN. SOLDER AREA: MATTE TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.					4> PACKAGE: TAPE REEL, 1053131000-PK.				
					5> PRODUCT MATE WITH SERIES OF 105307(RECEPTACLE), 105300(CRIMP TERMINAL).				
					6> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.				
					7> DISCOLORATION IN THE BANDOLIER PIN CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING DEFECT OF THE CARRIER, THIS DISCOLORATION IS IN A NON-FUNCTION AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.				



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.

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0	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: 648137 DRWN: GLLI2020/10/30 CHK'D: YXZHENG2020/11/09 APPR: YXZHENG2020/11/09			HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR								
	ANGULAR TOL ± 3.0 °															
	4 PLACES		±					PRODUCT CUSTOMER DRAWING								
	3 PLACES		± 0.1													
	2 PLACES		± 0.2					DOCUMENT NUMBER 1053131000-SD				DOC TYPE PSD	DOC PART 000	REVISION C		
	1 PLACE		± 0.3													
0 PLACES		±		MATERIAL NUMBER A3-SIZE											CUSTOMER GENERAL MARKET	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 105313				