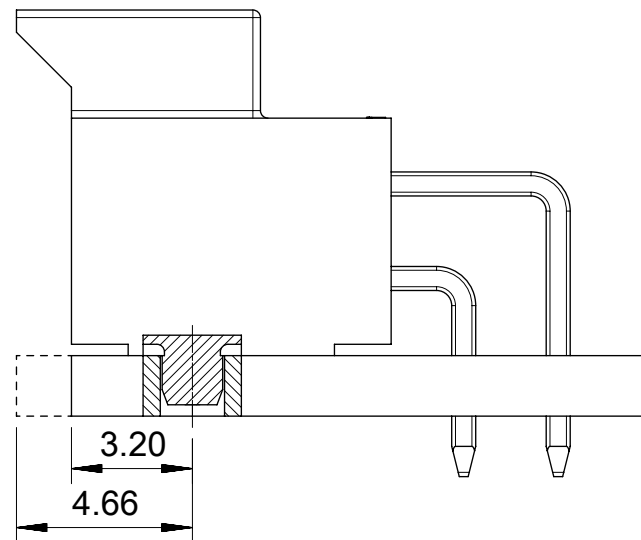
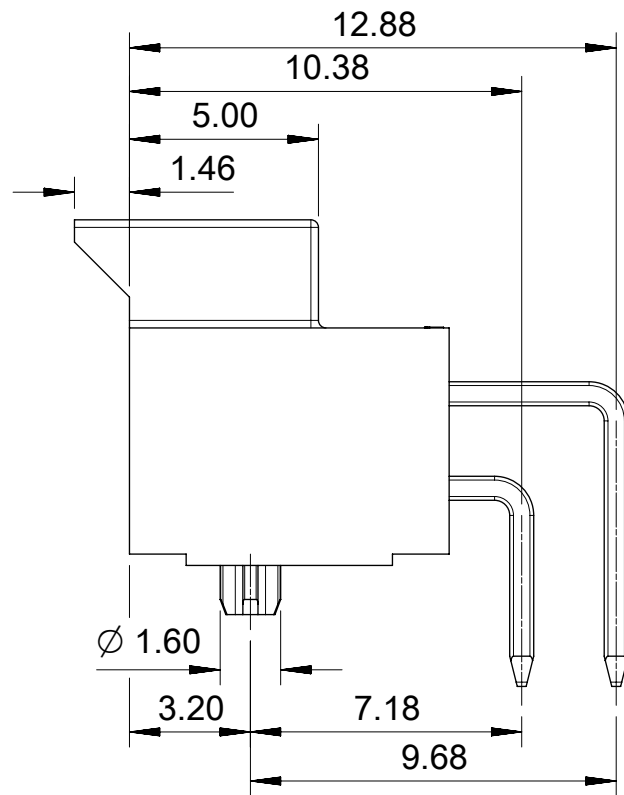
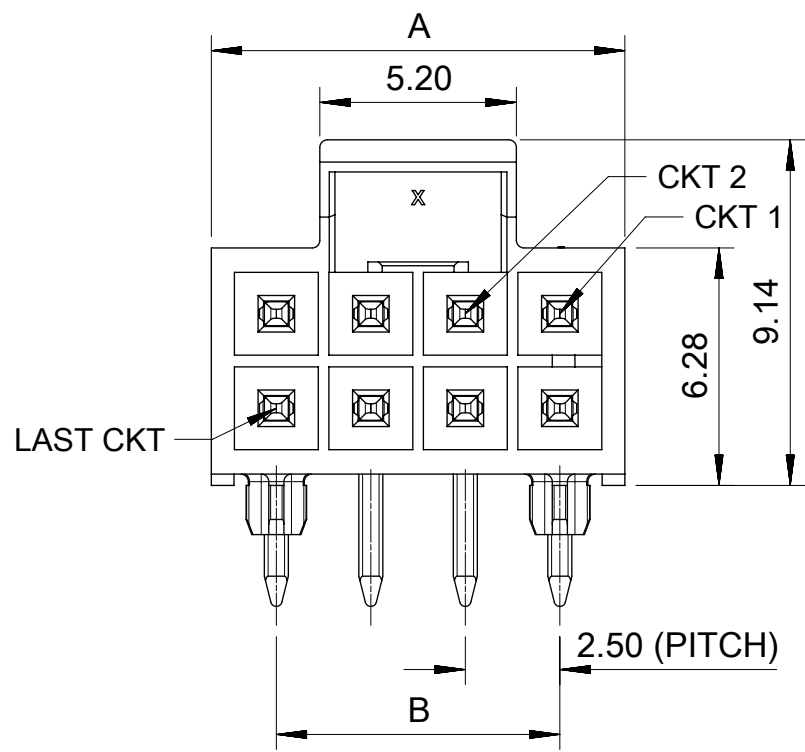
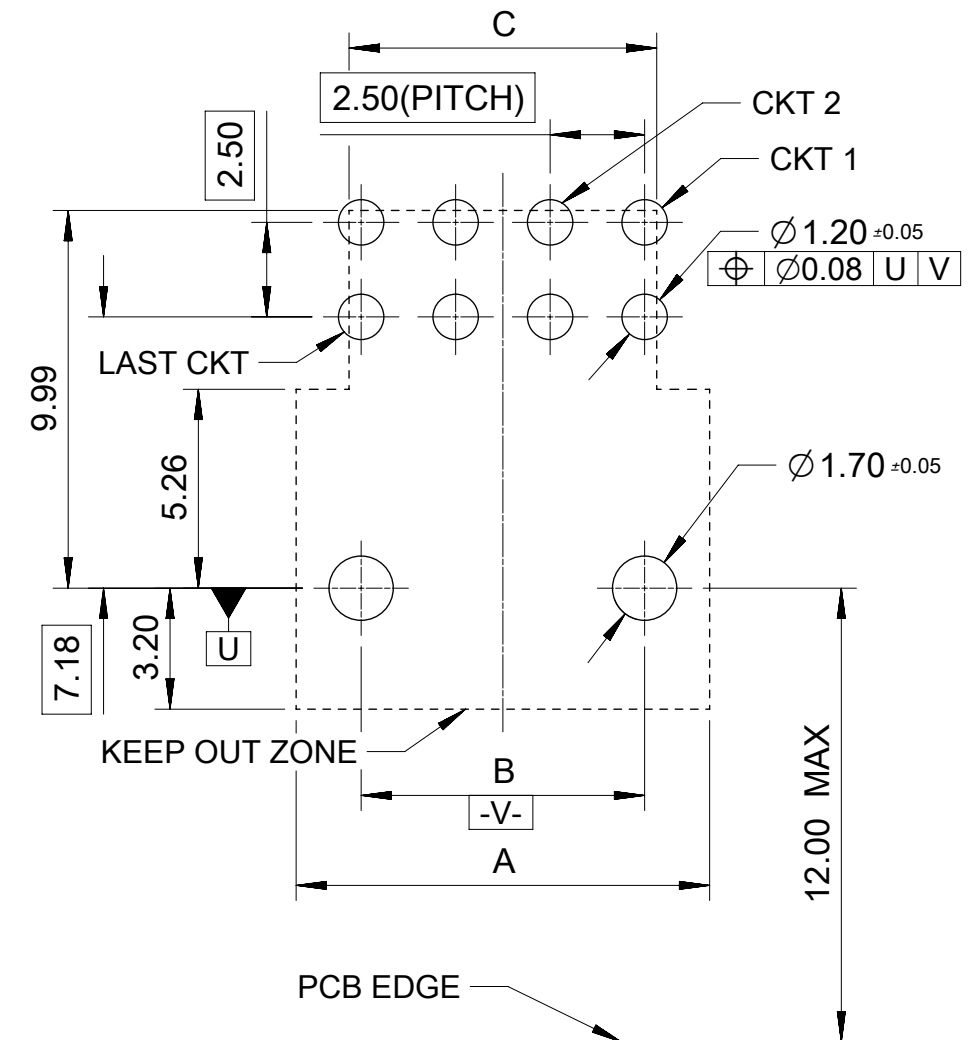
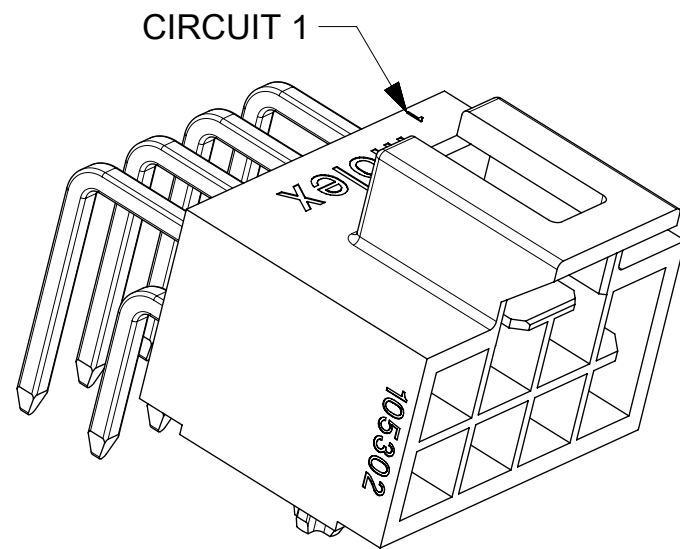




OPTION 1: LATCH FLUSH WITH PCB EDGE.
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE.



RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
QUALITY SYMBOLS	2017/03/29 2017/05/15 EC NO: 115635 DRWN: GLLI CHK'D: APPR: AYIN EC NO: 115635 DRWN: GLLI CHK'D: APPR: AYIN EC NO: 115635 DRWN: GLLI CHK'D: APPR: AYIN	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 0.1 2 PLACES ± 0.2 1 PLACE ± 0.3 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS		SCALE		molex®						
			MM		5:1								
			DRWN BY		DATE		HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR						
			GLLI		2014/07/16								
			CHK'D BY		DATE								
			APPR BY		DATE		PRODUCT CUSTOMER DRAWING						
			AYIN		2015/04/08								
			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER		
			A3				105314		SEE SHEET 2		GENERAL MARKET		
							DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER
				SD-105314-100		PSD		000		1 OF 3			

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																					
105314-1104		5.94		2.50		3.14		4		TIN C		105314-2104		5.94		2.50		3.14		4		TIN C																					
105314-1106		8.44		5.00		5.64		6				105314-2106		8.44		5.00		5.64		6																							
105314-1108		10.94		7.50		8.14		8				105314-2108		10.94		7.50		8.14		8																							
105314-1110		13.44		10.00		10.64		10				105314-2110		13.44		10.00		10.64		10																							
105314-1112		15.94		12.50		13.14		12				105314-2112		15.94		12.50		13.14		12																							
105314-1114		18.44		15.00		15.64		14				105314-2114		18.44		15.00		15.64		14																							
105314-1116		20.94		17.50		18.14		16				105314-2116		20.94		17.50		18.14		16																							
105314-1204		5.94		2.50		3.14		4		GOLD 0.38		105314-2204		5.94		2.50		3.14		4		GOLD 0.38																					
105314-1206		8.44		5.00		5.64		6				105314-2206		8.44		5.00		5.64		6																							
105314-1208		10.94		7.50		8.14		8				105314-2208		10.94		7.50		8.14		8																							
105314-1210		13.44		10.00		10.64		10				105314-2210		13.44		10.00		10.64		10																							
105314-1212		15.94		12.50		13.14		12				105314-2212		15.94		12.50		13.14		12																							
105314-1214		18.44		15.00		15.64		14				105314-2214		18.44		15.00		15.64		14																							
105314-1216		20.94		17.50		18.14		16				105314-2216		20.94		17.50		18.14		16																							
105314-1304		5.94		2.50		3.14		4		GOLD 0.76		105314-2304		5.94		2.50		3.14		4		GOLD 0.76																					
105314-1306		8.44		5.00		5.64		6				105314-2306		8.44		5.00		5.64		6																							
105314-1308		10.94		7.50		8.14		8				105314-2308		10.94		7.50		8.14		8																							
105314-1310		13.44		10.00		10.64		10				105314-2310		13.44		10.00		10.64		10																							
105314-1312		15.94		12.50		13.14		12				105314-2312		15.94		12.50		13.14		12																							
105314-1314		18.44		15.00		15.64		14				105314-2314		18.44		15.00		15.64		14																							
105314-1316		20.94		17.50		18.14		16				105314-2316		20.94		17.50		18.14		16																							
COLOR: BLACK																						COLOR: NATURAL																					

4.74 REF

20.70 REF(WITH TPA)

18.30 REF(W/O TPA)

9.85 REF

3.50 MAX

105314- * * * *

CIRCUIT SIZE

PLATING OPTION

1 - TIN

2 - GOLD 0.38

3 - GOLD 0.76

COLOR OPTION

1 - BLACK

2 - NATURAL

NOTES FOR ALL PARTS																							
1> MATERIAL: HOUSING: LCP; TERMINAL: BRASS; SOLDER CLIP: BRASS.												4> PACKAGE: TRAY, PK-105309-200.											
2> PLATING FINISHED: TERMINAL: CONTACT AREA: a. TIN 1.5MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN.												5> ALL COMPONENTS AND PRODUCT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.											
SOLDER AREA: TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.												6> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL).											
SOLDER CLIP: TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.												7> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.											
3> PRODUCT SPECIFICATION: PS-105300-100.												8> 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.

C

QUALITY SYMBOLS

F A = 0

F C = 0

F B = 0

▼ = 0

C = 0

⊠ = 0

■ = 0

▽ = 0

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2017/03/29

2017/05/15

EC NO: 115635

DRWN: GLLI

CHK'D: AYIN

APPR: AYIN

C

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES ±

3 PLACES ± 0.1

2 PLACES ± 0.2

1 PLACE ± 0.3

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

MM

DRWN BY

GLLI

CHK'D BY

AYIN

DRAWING SIZE

A3

SCALE

3:1

DATE

2014/07/16

DATE

2015/04/08

THIRD ANGLE PROJECTION

molex®

HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

SERIES

105314

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

SD-105314-100

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

2 OF 3

RELEASE STATUS

P1

RELEASE DATE

15.05.2017

07:01:20

9

8

7

6

5

4

3

2

1

