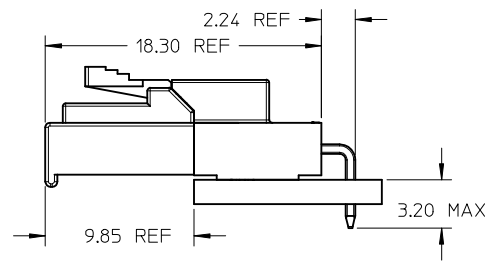


RECOMMENDED PCB(CONNECTOR SIDE VIEW) THICKNESS=1.6 TO 2.4 MM.

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

REVISED IEC NO: SH2016-0028 DRWING: GLL CHKD: APPR: AYIN A2	DESCRIPTION 2015/05/29 2015/08/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		$F_{\Delta}=0$ $F_{\Delta}=0$ $F_{\Delta}=0$	4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± 0.30 ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY GLL I	DATE 2014/07/16	TITLE SALES DRAWING FOR NANO-FIT HEADER POWER CONNECTOR			
		ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY AYIN	DATE 2015/04/08	molex DOCUMENT NO. SD-105313-100				
		SEE NEXT SHEET	MATERIAL NO.	SHEET NO. 1 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10	9	8	7	6	5	4	3	2	1
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	CKT SIZE	PLATING			
105313-1102	5.94	4.10	2.50	3.14	2	TIN			
105313-1103	8.44	6.60	5.00	5.64	3				
105313-1104	10.94	9.10	7.50	8.14	4				
105313-1105	13.44	11.60	10.00	10.64	5				
105313-1106	15.94	14.10	12.50	13.14	6				
105313-1107	18.44	16.60	15.00	15.64	7				
105313-1108	20.94	19.10	17.50	18.14	8				
105313-1202	5.94	4.10	2.50	3.14	2		GOLD 0.38		
105313-1203	8.44	6.60	5.00	5.64	3				
105313-1204	10.94	9.10	7.50	8.14	4				
105313-1205	13.44	11.60	10.00	10.64	5				
105313-1206	15.94	14.10	12.50	13.14	6				
105313-1207	18.44	16.60	15.00	15.64	7				
105313-1208	20.94	19.10	17.50	18.14	8				
105313-1302	5.94	4.10	2.50	3.14	2	GOLD 0.76			
105313-1303	8.44	6.60	5.00	5.64	3				
105313-1304	10.94	9.10	7.50	8.14	4				
105313-1305	13.44	11.60	10.00	10.64	5				
105313-1306	15.94	14.10	12.50	13.14	6				
105313-1307	18.44	16.60	15.00	15.64	7				
105313-1308	20.94	19.10	17.50	18.14	8				
COLOR: BLACK									



- 105313- * * * *
 CIRCUIT SIZE
 PLATING OPTION:
 1 - TIN
 2 - GOLD 0.38
 3 - GOLD 0.76
 COLOR OPTION:
 1 - BLACK
 2 - NATURAL

PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	CKT SIZE	PLATING			
105313-2102	5.94	4.10	2.50	3.14	2	TIN			
105313-2103	8.44	6.60	5.00	5.64	3				
105313-2104	10.94	9.10	7.50	8.14	4				
105313-2105	13.44	11.60	10.00	10.64	5				
105313-2106	15.94	14.10	12.50	13.14	6				
105313-2107	18.44	16.60	15.00	15.64	7				
105313-2108	20.94	19.10	17.50	18.14	8				
105313-2202	5.94	4.10	2.50	3.14	2		GOLD 0.38		
105313-2203	8.44	6.60	5.00	5.64	3				
105313-2204	10.94	9.10	7.50	8.14	4				
105313-2205	13.44	11.60	10.00	10.64	5				
105313-2206	15.94	14.10	12.50	13.14	6				
105313-2207	18.44	16.60	15.00	15.64	7				
105313-2208	20.94	19.10	17.50	18.14	8				
105313-2302	5.94	4.10	2.50	3.14	2	GOLD 0.76			
105313-2303	8.44	6.60	5.00	5.64	3				
105313-2304	10.94	9.10	7.50	8.14	4				
105313-2305	13.44	11.60	10.00	10.64	5				
105313-2306	15.94	14.10	12.50	13.14	6				
105313-2307	18.44	16.60	15.00	15.64	7				
105313-2308	20.94	19.10	17.50	18.14	8				
COLOR: NATURAL									

NOTES FOR ALL PARTS

- | | |
|--|--|
| <p>1> MATERIAL:
 HOUSING: LCP.
 TERMINAL: BRASS.
 SOLDER CLIP: BRASS.</p> <p>2> PLATING FINISHED:
 TERMINAL:
 CONTACT AREA:
 a. TIN 1.5 MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN.
 SOLDER AREA: TIN 1.5 MICRONS MINIMUM.
 UNDER PLATING NICKEL 1.25 MICRONS MINIMUM.
 SOLDER CLIP: TIN 2.5 MICRONS MINIMUM; UNDER PLATING NICKEL 1.25 MICRONS MINIMUM.</p> <p>3> PRODUCT SPECIFICATION: PS-105300-100
 4> PACKAGE: TRAY, PK-105309-400.</p> | <p>5> ALL COMPONENTS AND PRODUCT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.</p> <p>6> PRODUCT MATE WITH SERIES OF 105307(RECEPTACLE), 105300(CRIMP TERMINAL).</p> <p>7> PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.</p> <p>8> DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER, THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.</p> |
|--|--|

SEE SHEET 1 EC NO: SH2016-0028 DRW:GLL1 CHKD: APPR:AYIN	2015/05/29 2015/08/24	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			$\nabla = 0$	mm INCH	MM ONLY	3:1	METRIC	
			$\nabla = 0$	4 PLACES ± --- ± ---	DRAWN BY DATE			TITLE
			$\nabla = 0$	3 PLACES ± 0.10 ± ---	GLL1 2014/07/16			SALES DRAWING FOR NANO-FIT HEADER POWER CONNECTOR
	2 PLACES ± 0.20 ± ---	CHECKED BY DATE						
	1 PLACE ± 0.30 ± ---	APPROVED BY DATE						
	0 PLACE ± --- ± ---	AYIN 2015/04/08						
	ANGULAR ± 3 °	MATERIAL NO.			DOCUMENT NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART			SD-105313-100			
		SIZE A3			SHEET NO. 2 OF 3			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10 9 8 7 6 5 4 3 2 1

F

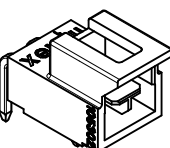
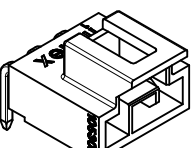
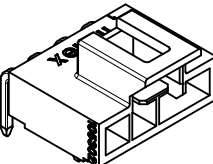
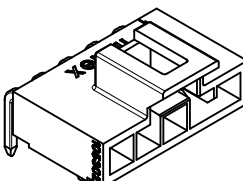
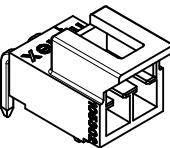
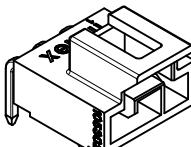
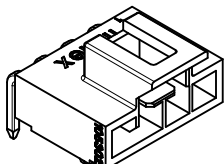
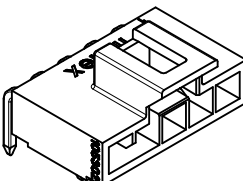
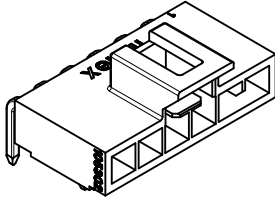
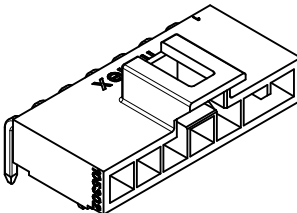
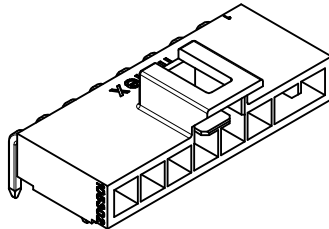
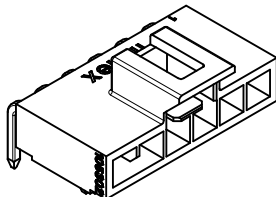
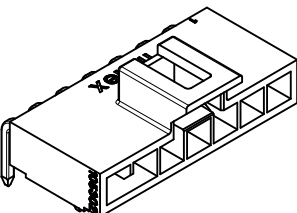
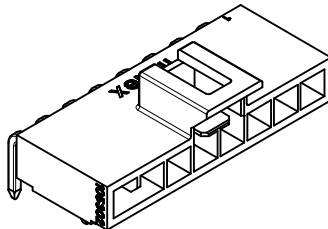
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
D

C

B

A

	2 CKT	3 CKT	4 CKT	5 CKT
BLACK				
NATURAL				
	6 CKT	7 CKT	8 CKT	
BLACK				
NATURAL				

SEE SHEET 1 EC NO: SH2016-0028 DRWG:GLL CHKD: APPR:AYIN 2015/05/29 2015/08/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
	$F_A = 0$ $F_B = 0$ $F_C = 0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.10</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.30</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± 0.10	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± 0.30	± ---	0 PLACE	± ---	± ---	MM ONLY	3:1	METRIC	 THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± ---	± ---																					
3 PLACES	± 0.10	± ---																						
2 PLACES	± 0.20	± ---																						
1 PLACE	± 0.30	± ---																						
0 PLACE	± ---	± ---																						
DRAWN BY: GLL I CHECKED BY: APPROVED BY: AYIN DATE: 2014/07/16 DATE: 2015/04/08	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	TITLE: SALES DRAWING FOR NANO-FIT HEADER POWER CONNECTOR MATERIAL NO.: SEE SHEET 2 DOCUMENT NO.: SD-105313-100	SHEET NO.: 3 OF 3																					
A2	REV	SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

9 8 7 6 5 4 3 2 1