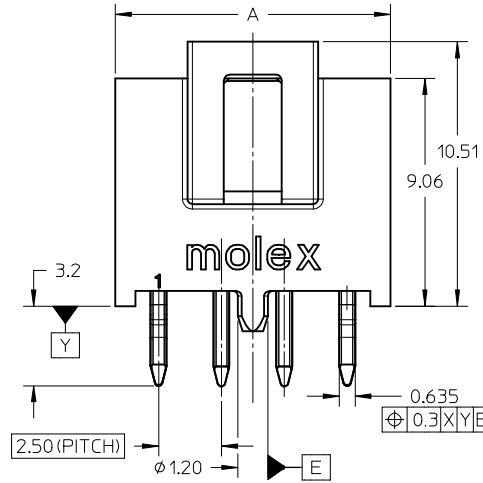


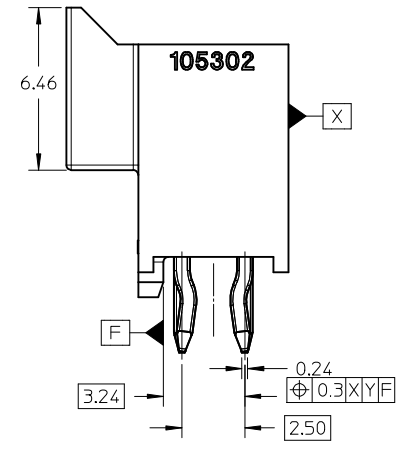
FRONT 2

ONLY FOR CKT 6, 10, 14
OTHER DIMENSIONS REFER TO 'FRONT 1'.

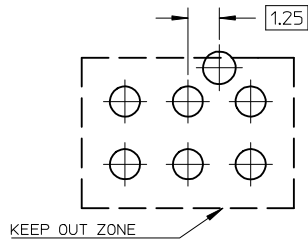


FRONT 1

ONLY FOR CKT 4, 8, 12, 16

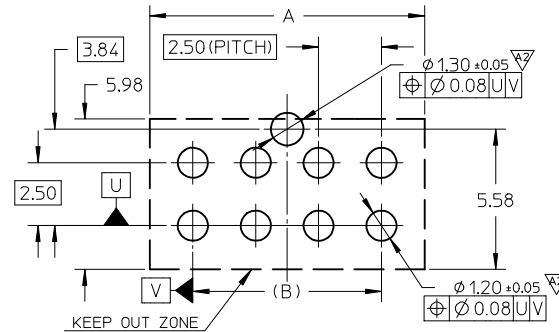


RIGHT 1



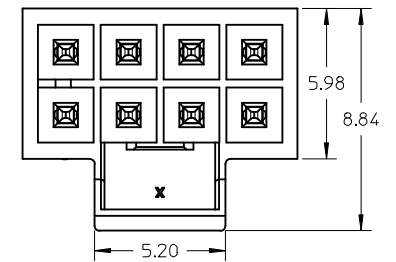
FRONT 4

RECOMMENDED PCB(CONNECTOR SIDE VIEW)
ONLY FOR CKT 6, 10, 14.
OTHER DIMENSIONS REFER TO 'FRONT 3'.

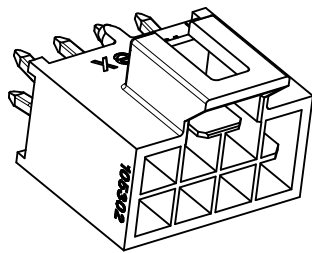


FRONT 3

RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM
ONLY FOR CKT 4, 8, 12, 16

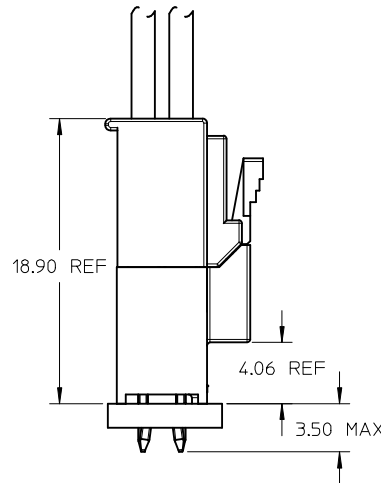


TOP 1



REVISED EC NO: SH2016-0028 DRAWING: 2015/05/28 CHKD: APPR: AYIN REV	DESCRIPTION 2015/08/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		$\nabla_F = 0$	mm	INCH	MM ONLY	5:1	METRIC			
		$\nabla_E = 0$	4 PLACES ± --- ± ---		DRAWN BY DATE	TITLE				
		$\nabla_D = 0$	3 PLACES ± 0.10 ± ---		GLL I 2013/10/30	SALES DRAWING FOR NANO-FIT HEADER POWER CONNECTOR				
		2 PLACES ± 0.20 ± ---		CHECKED BY DATE	molex					
		1 PLACE ± 0.30 ± ---		APPROVED BY DATE	SD-105310-100					
		0 PLACE ± --- ± ---		AYIN 2015/04/08	DOCUMENT NO.					
		ANGULAR ± 3 °		MATERIAL NO.	SEE SHEET 2					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
A2	REV				A3	SHEET NO. 1 OF 3				

PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING
105310-1104	5.94	2.50	4	TIN
105310-1106	8.44	5.00	6	
105310-1108	10.94	7.50	8	
105310-1110	13.44	10.00	10	
105310-1112	15.94	12.50	12	
105310-1114	18.44	15.00	14	
105310-1116	20.94	17.50	16	GOLD 0.38
105310-1204	5.94	2.50	4	
105310-1206	8.44	5.00	6	
105310-1208	10.94	7.50	8	
105310-1210	13.44	10.00	10	
105310-1212	15.94	12.50	12	
105310-1214	18.44	15.00	14	GOLD 0.76
105310-1216	20.94	17.50	16	
105310-1304	5.94	2.50	4	
105310-1306	8.44	5.00	6	
105310-1308	10.94	7.50	8	
105310-1310	13.44	10.00	10	
105310-1312	15.94	12.50	12	
105310-1314	18.44	15.00	14	
105310-1316	20.94	17.50	16	
COLOR: BLACK				



- 105310- * * * *
 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'	CKT SIZE	PLATING
105310-2104	5.94	2.50	4	TIN
105310-2106	8.44	5.00	6	
105310-2108	10.94	7.50	8	
105310-2110	13.44	10.00	10	
105310-2112	15.94	12.50	12	
105310-2114	18.44	15.00	14	
105310-2116	20.94	17.50	16	GOLD 0.38
105310-2204	5.94	2.50	4	
105310-2206	8.44	5.00	6	
105310-2208	10.94	7.50	8	
105310-2210	13.44	10.00	10	
105310-2212	15.94	12.50	12	
105310-2214	18.44	15.00	14	GOLD 0.76
105310-2216	20.94	17.50	16	
105310-2304	5.94	2.50	4	
105310-2306	8.44	5.00	6	
105310-2308	10.94	7.50	8	
105310-2310	13.44	10.00	10	
105310-2312	15.94	12.50	12	
105310-2314	18.44	15.00	14	
105310-2316	20.94	17.50	16	
COLOR: NATURAL				

NOTES FOR ALL PARTS

- 1> MATERIAL:
 HOUSING: LCP.
 TERMINAL: BRASS.
 SOLDER CLIP: BRASS.
- 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.
- 3> PRODUCT SPECIFICATION: PS-105300-100
- 4> PACKAGE: TRAY, PK-105309-100.

- 5> ALL COMPONENTS AND PRODUCT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.
- 6> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL).
- 7> PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- 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.

SEE SHEET 1 EC NO: SH2016-0028 DRWG:GLL1 CHKD: APPR:AYIN	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES	± ---	± ---	DRAWN BY GLL1	DATE 2013/10/30	TITLE SALES DRAWING FOR NANO-FIT HEADER POWER CONNECTOR	
		3 PLACES	± 0.10	± ---	CHECKED BY	DATE		
		2 PLACES	± 0.20	± ---	APPROVED BY AYIN	DATE 2015/04/08	DOCUMENT NO. SD-105310-100	
1 PLACE	± 0.30	± ---	MATERIAL NO.	SHEET NO. 2 OF 3				
0 PLACE		± ---	± ---	ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3
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

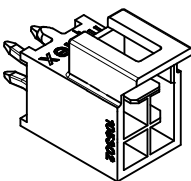
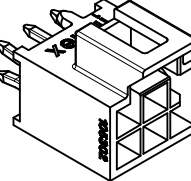
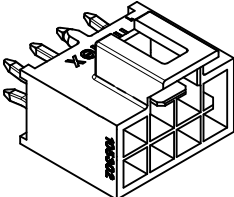
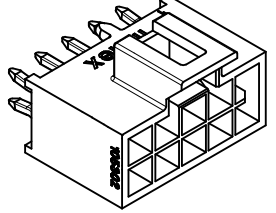
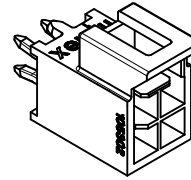
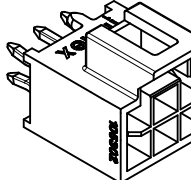
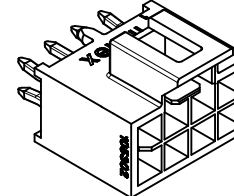
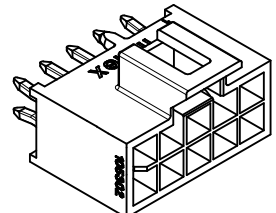
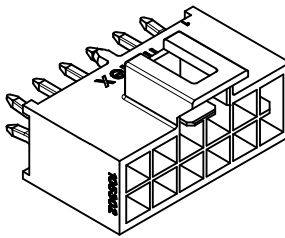
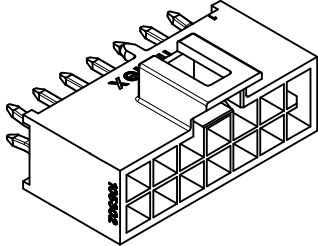
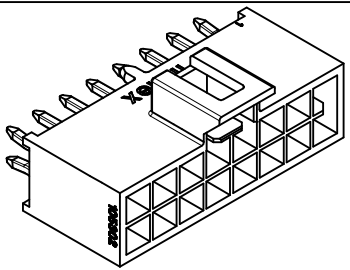
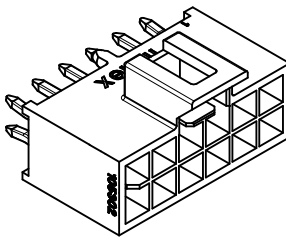
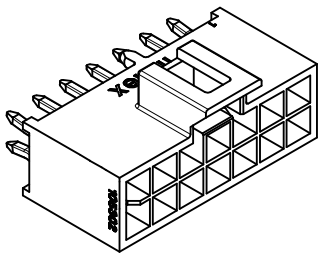
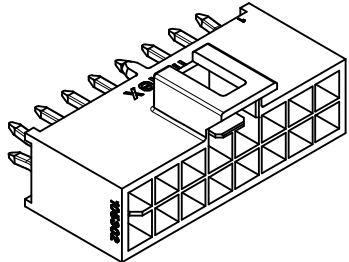
E

D

C

B

A

	4 CKT	6 CKT	8 CKT	10 CKT
BLACK				
NATURAL				
	12 CKT	14 CKT	16 CKT	
BLACK				
NATURAL				

SEE SHEET 1 EC NO: SH2016-0028 DRWING: GLL CHKD: APPR: AYIN REV: A2	DESCRIPTION 2015/05/28 2015/08/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		$F_{\Delta} = 0$ $F_{\sigma} = 0$ $F_{\rho} = 0$	(UNLESS SPECIFIED) mm INCH	MM ONLY	3:1	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± 0.30 ± --- 0 PLACE ± --- ± ---	DRAWN BY: GLL I DATE: 2013/10/30 CHECKED BY: DATE:	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 MATERIAL NO.: DOCUMENT NO.:	SEE SHEET 2 SIZE: A3	molex SD-105310-100 SHEET NO. 3 OF 3			
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