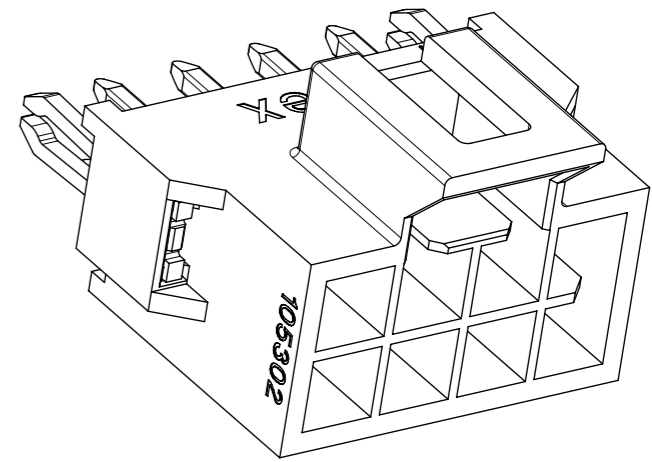
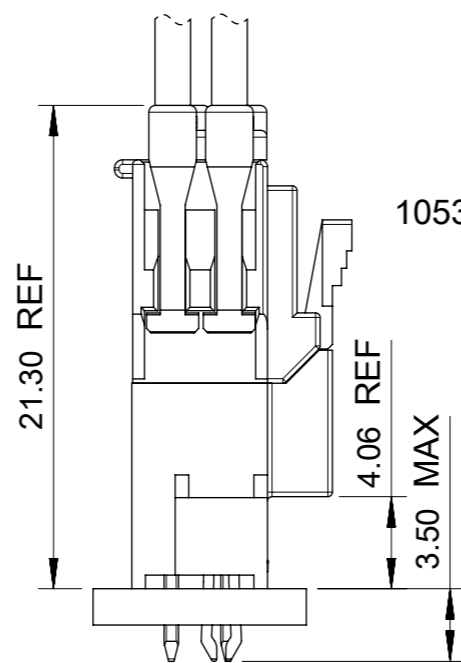


RECOMMENDED PCB(CONNECTOR SIDE VIEW)  
THICKNESS=1.6 TO 2.4 MM



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<b>QUALITY SYMBOLS</b> 	2016/03/30	2016/04/26	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS	SCALE				
	EC NO: 103921 DRWN: GLLI CHK'D: AYIN APPR: AYIN	B REV	GLLI AYIN	ANGULAR TOL $\pm 3.0^\circ$			MM				
				4 PLACES	$\pm$		DRWN BY	DATE			
				3 PLACES	$\pm 0.1$		GLLI	2014/07/16			
				2 PLACES	$\pm 0.2$		CHK'D BY	DATE			
				1 PLACE	$\pm 0.3$		AYIN	2015/04/08			
	0 PLACES	$\pm$		APPR BY	DATE						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING					
				A3		SERIES	MATERIAL NUMBER	CUSTOMER			
						105312	SEE SHEET 2	GENERAL MARKET			
					DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		
					SD-105312-100		PSD	000	1 OF 3		

PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING
105312-1204	8.22	5.94	6.84	4	GOLD 0.38
105312-1206	10.72	8.44	9.34	6	
105312-1208	13.22	10.94	11.84	8	
105312-1210	15.72	13.44	14.34	10	
105312-1212	18.22	15.94	16.84	12	
105312-1214	20.72	18.44	19.34	14	
105312-1216	23.22	20.94	21.84	16	
105312-1304	8.22	5.94	6.84	4	GOLD 0.76
105312-1306	10.72	8.44	9.34	6	
105312-1308	13.22	10.94	11.84	8	
105312-1310	15.72	13.44	14.34	10	
105312-1312	18.22	15.94	16.84	12	
105312-1314	20.72	18.44	19.34	14	
105312-1316	23.22	20.94	21.84	16	
TBD					TIN
COLOR: BLACK					



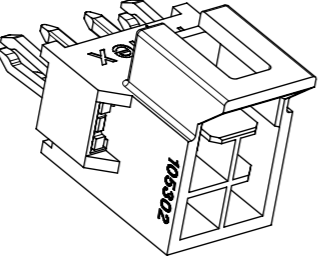
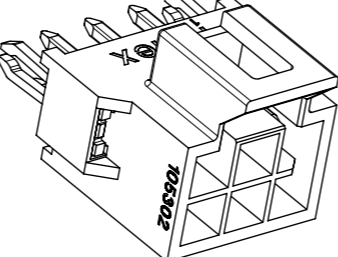
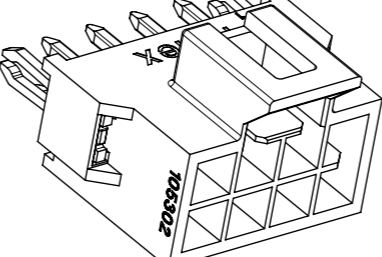
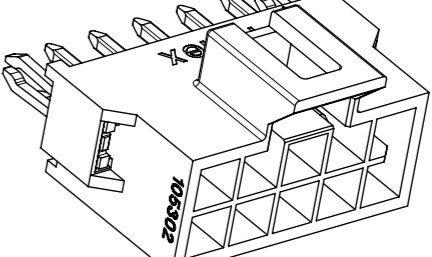
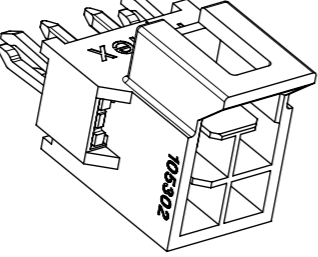
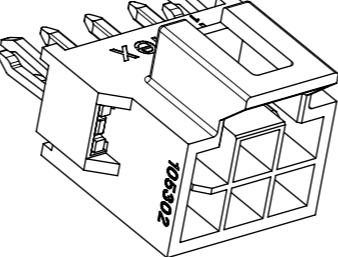
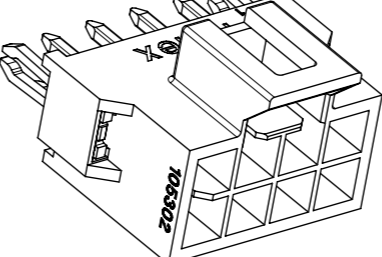
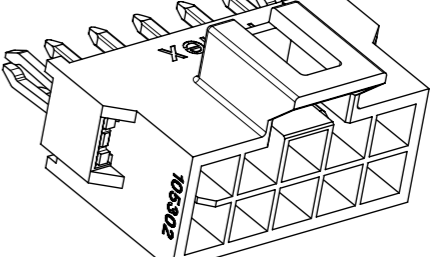
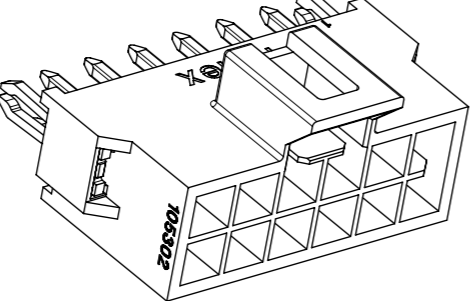
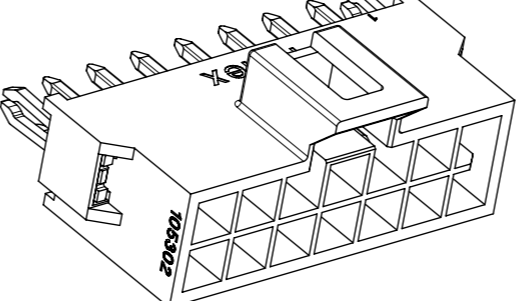
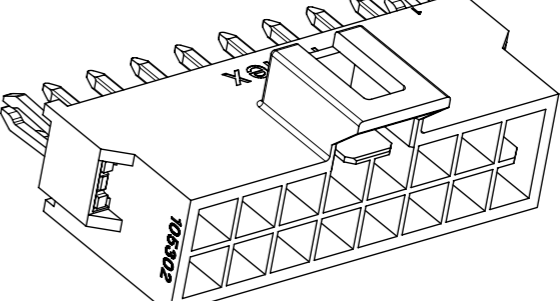
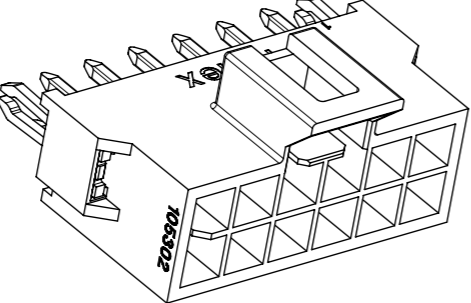
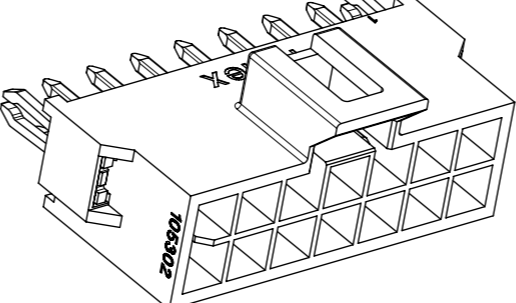
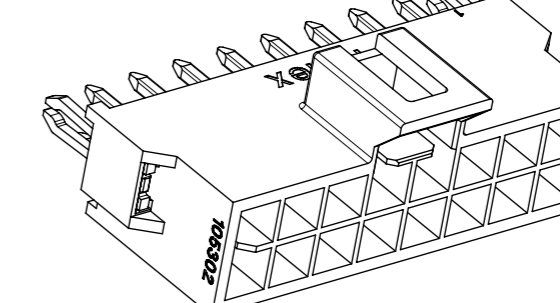
- 105312- \* \* \* \*
- CIRCUIT SIZE
  - PLATING OPTION
    - 1 - TIN
    - 2 - GOLD 0.38
    - 3 - GOLD 0.76
  - COLOR OPTION
    - 1 - BLACK
    - 2 - NATURAL









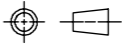

PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING
105312-2204	8.22	5.94	6.84	4	GOLD 0.38
105312-2206	10.72	8.44	9.34	6	
105312-2208	13.22	10.94	11.84	8	
105312-2210	15.72	13.44	14.34	10	
105312-2212	18.22	15.94	16.84	12	
105312-2214	20.72	18.44	19.34	14	
105312-2216	23.22	20.94	21.84	16	
105312-2304	8.22	5.94	6.84	4	GOLD 0.76
105312-2306	10.72	8.44	9.34	6	
105312-2308	13.22	10.94	11.84	8	
105312-2310	15.72	13.44	14.34	10	
105312-2312	18.22	15.94	16.84	12	
105312-2314	20.72	18.44	19.34	14	
105312-2316	23.22	20.94	21.84	16	
TBD					TIN
COLOR: NATURAL					

NOTES FOR ALL PARTS

- 1> MATERIAL:  
HOUSING: LCP; TERMINAL: BRASS; SOLDER CLIP: BRASS.
- 2> PLATING FINISHED:  
TERMINAL:  
CONTACT AREA: a. TIN 1.5MICRONS MIN; b. GOLD 0.38 MICRONS MIN;  
c. GOLD 0.76 MICRONS MIN.  
SOLDER AREA: TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.  
SOLDER CLIP: TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.
- 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 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.

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QUALITY SYMBOLS FA = 0 FE = 0 FB = 0 FV = 0 FC = 0 FX = 0 FS = 0 FT = 0	2016/03/30	2016/04/26	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
	EC NO: 103921 DRWN: GLLI CHK'D: AYIN APPR: AYIN	B REV	ANGULAR TOL ± 3.0 °		MM	3:1			
			4 PLACES ±	DRWN BY	DATE	HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR			
			3 PLACES ± 0.1	GLLI	2014/07/16				
2 PLACES ± 0.2	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING						
1 PLACE ± 0.3	AYIN	2015/04/08							
0 PLACES ±	APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER				
	DRAWING SIZE	THIRD ANGLE PROJECTION	105312	SEE CHART	GENERAL MARKET				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER	
			SD-105312-100			PSD	000	2 OF 3	

	4 CKT	6 CKT	8 CKT	10 CKT
E	BLACK 			
D	NATURAL 			
	12 CKT	14 CKT	16 CKT	
C	BLACK 			
B	NATURAL 			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
<b>QUALITY SYMBOLS</b>  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0		2016/03/30 2016/04/26 EC NO: 103921 DRWN: GLLI CHK'D: APPR: AYIN		<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> 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: <b>MM</b> SCALE: <b>3:1</b> DRWN BY: <b>GLLI</b> DATE: <b>2014/07/16</b> CHK'D BY: DATE: APPR BY: <b>AYIN</b> DATE: <b>2015/04/08</b> DRAWING SIZE: <b>A3</b> THIRD ANGLE PROJECTION: 		 <b>HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR</b> PRODUCT CUSTOMER DRAWING				SERIES: <b>105312</b> MATERIAL NUMBER: <b>SEE SHEET 2</b> CUSTOMER: <b>GENERAL MARKET</b>		DOCUMENT NUMBER: <b>SD-105312-100</b> DOC TYPE: <b>PSD</b> DOC PART: <b>000</b> SHEET NUMBER: <b>3 OF 3</b>	