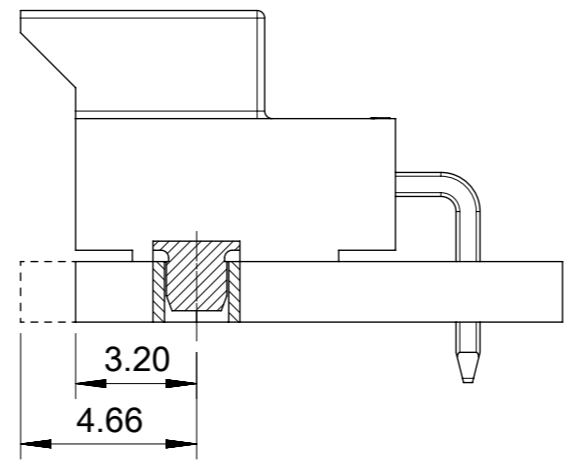
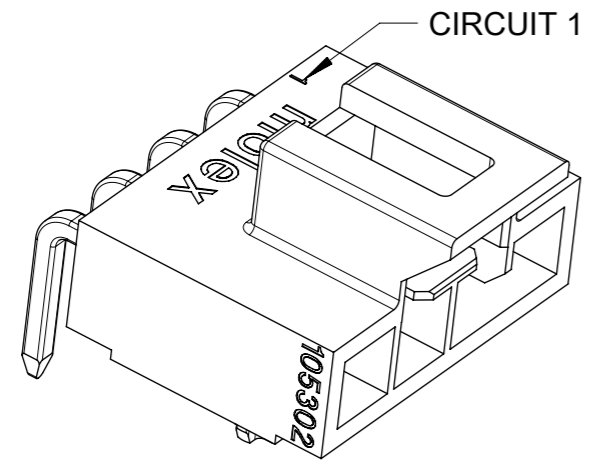


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM.

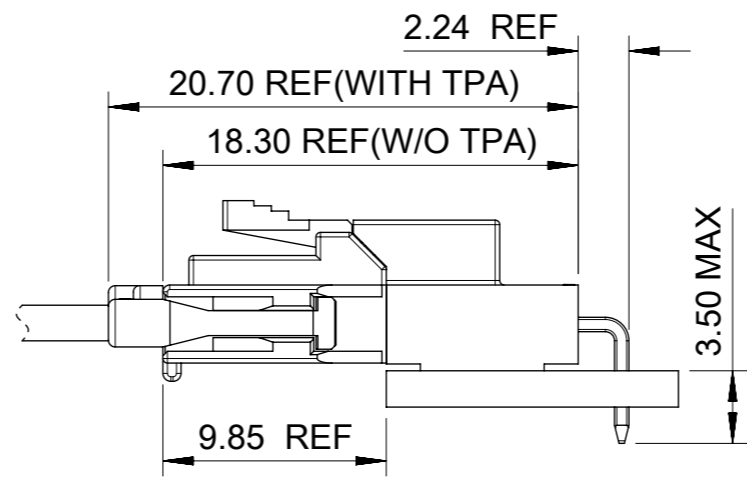


OPTION 1: LATCH FLUSH WITH PCB EDGE.
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE.



| | | | | | | | | | | |
|---|---|------------|---------------------------------------|-------|-----------------|------------------------|---|-----------------|----------|--------------|
| QUALITY SYMBOLS FA = 0 FE = 0 FP = 0 ▼ = 0 C = 0 ⊗ = 0 ■ = 0 ∇ = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| | 2017/03/29 | 2017/05/15 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION UNITS | SCALE | | | | |
| | | | ANGULAR TOL ± 3.0 ° | | MM | 5:1 | | | | |
| | EC NO: 115635 DRWN: GLLI CHK'D: APPR: AYIN | C REV | 4 PLACES | ± | DRWN BY | DATE | HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR | | | |
| | | | 3 PLACES | ± 0.1 | GLLI | 2014/07/16 | | | | |
| | | | 2 PLACES | ± 0.2 | CHK'D BY | DATE | | | | |
| | | | 1 PLACE | ± 0.3 | APPR BY | DATE | | | | |
| | | | 0 PLACES | ± | AYIN | 2015/04/08 | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | DRAWING SIZE | THIRD ANGLE PROJECTION | PRODUCT CUSTOMER DRAWING | | | |
| | | | | | A3 | | SERIES | MATERIAL NUMBER | CUSTOMER | |
| | | | | | | 105313 | SEE SHEET 2 | GENERAL MARKET | | |
| | | | | | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | SHEET NUMBER |
| | | | | | | SD-105313-100 | PSD | 000 | 1 OF 3 | |

| PART NUMBER | DIM 'A' | DIM 'B' | DIM 'C' | CKT SIZE | PLATING |
|--------------|---------|---------|---------|----------|-----------|
| 105313-1102 | 5.94 | 2.50 | 3.14 | 2 | TIN C |
| 105313-1103 | 8.44 | 5.00 | 5.64 | 3 | |
| 105313-1104 | 10.94 | 7.50 | 8.14 | 4 | |
| 105313-1105 | 13.44 | 10.00 | 10.64 | 5 | |
| 105313-1106 | 15.94 | 12.50 | 13.14 | 6 | |
| 105313-1107 | 18.44 | 15.00 | 15.64 | 7 | |
| 105313-1108 | 20.94 | 17.50 | 18.14 | 8 | |
| 105313-1202 | 5.94 | 2.50 | 3.14 | 2 | |
| 105313-1203 | 8.44 | 5.00 | 5.64 | 3 | |
| 105313-1204 | 10.94 | 7.50 | 8.14 | 4 | |
| 105313-1205 | 13.44 | 10.00 | 10.64 | 5 | |
| 105313-1206 | 15.94 | 12.50 | 13.14 | 6 | |
| 105313-1207 | 18.44 | 15.00 | 15.64 | 7 | |
| 105313-1208 | 20.94 | 17.50 | 18.14 | 8 | |
| 105313-1302 | 5.94 | 2.50 | 3.14 | 2 | GOLD 0.76 |
| 105313-1303 | 8.44 | 5.00 | 5.64 | 3 | |
| 105313-1304 | 10.94 | 7.50 | 8.14 | 4 | |
| 105313-1305 | 13.44 | 10.00 | 10.64 | 5 | |
| 105313-1306 | 15.94 | 12.50 | 13.14 | 6 | |
| 105313-1307 | 18.44 | 15.00 | 15.64 | 7 | |
| 105313-1308 | 20.94 | 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' | CKT SIZE | PLATING |
|----------------|---------|---------|---------|----------|-----------|
| 105313-2102 | 5.94 | 2.50 | 3.14 | 2 | TIN C |
| 105313-2103 | 8.44 | 5.00 | 5.64 | 3 | |
| 105313-2104 | 10.94 | 7.50 | 8.14 | 4 | |
| 105313-2105 | 13.44 | 10.00 | 10.64 | 5 | |
| 105313-2106 | 15.94 | 12.50 | 13.14 | 6 | |
| 105313-2107 | 18.44 | 15.00 | 15.64 | 7 | |
| 105313-2108 | 20.94 | 17.50 | 18.14 | 8 | |
| 105313-2202 | 5.94 | 2.50 | 3.14 | 2 | |
| 105313-2203 | 8.44 | 5.00 | 5.64 | 3 | |
| 105313-2204 | 10.94 | 7.50 | 8.14 | 4 | |
| 105313-2205 | 13.44 | 10.00 | 10.64 | 5 | |
| 105313-2206 | 15.94 | 12.50 | 13.14 | 6 | |
| 105313-2207 | 18.44 | 15.00 | 15.64 | 7 | |
| 105313-2208 | 20.94 | 17.50 | 18.14 | 8 | |
| 105313-2302 | 5.94 | 2.50 | 3.14 | 2 | GOLD 0.76 |
| 105313-2303 | 8.44 | 5.00 | 5.64 | 3 | |
| 105313-2304 | 10.94 | 7.50 | 8.14 | 4 | |
| 105313-2305 | 13.44 | 10.00 | 10.64 | 5 | |
| 105313-2306 | 15.94 | 12.50 | 13.14 | 6 | |
| 105313-2307 | 18.44 | 15.00 | 15.64 | 7 | |
| 105313-2308 | 20.94 | 17.50 | 18.14 | 8 | |
| COLOR: NATURAL | | | | | |

NOTES FOR ALL PARTS

1> MATERIAL:
 HOUSING: LCP; TERMINAL: 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.

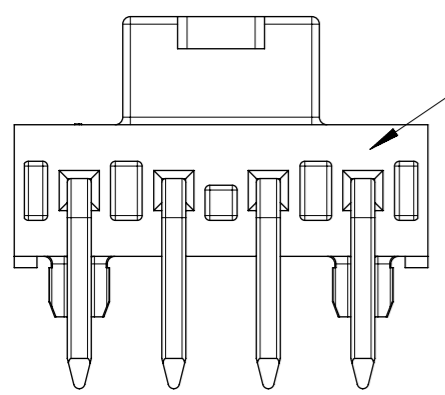
4> PACKAGE: TRAY, PK-105309-400.

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).

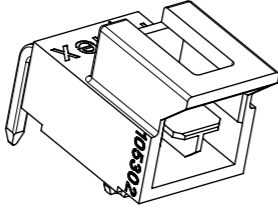
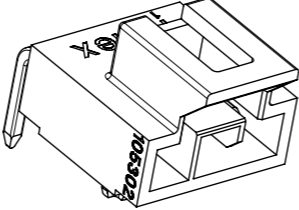
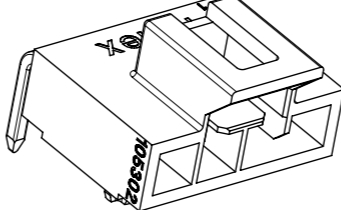
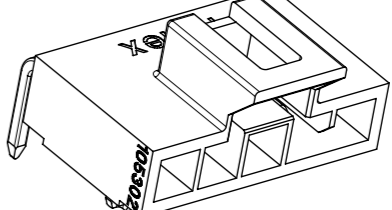
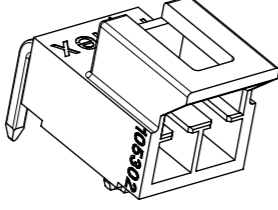
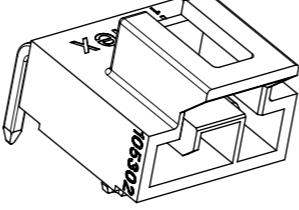
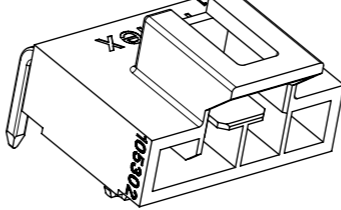
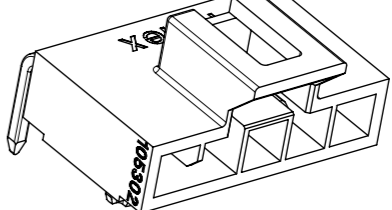
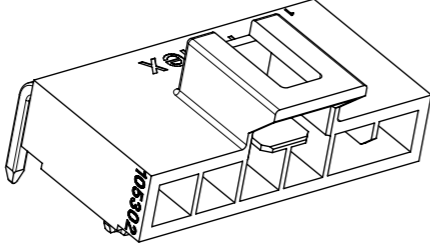
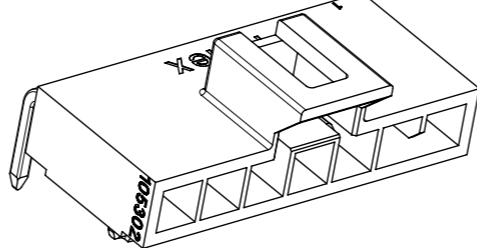
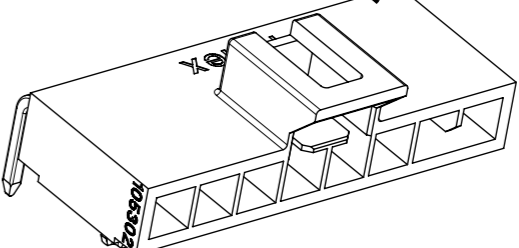
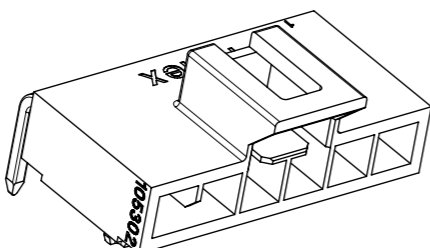
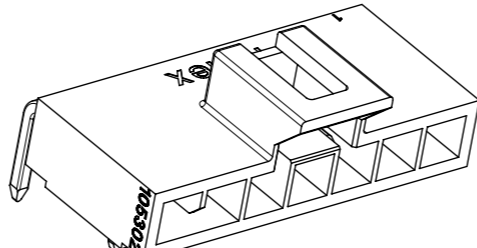
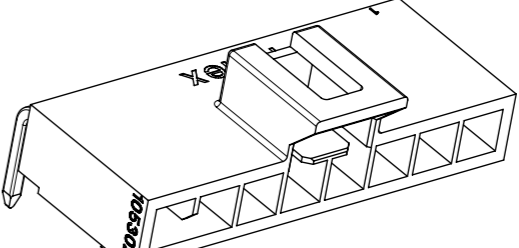
7> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.










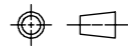
8> DISCOLORATION IN THE BANDOLIER PIN CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING DEFECT OF THE CARRIER, THIS DISCOLORATION IS IN A NON-FUNCTION AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.



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.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|--|----------|--------------|--|---------------------------------------|--|---|--|------------|--|--------|-----------------|----------|--|--------|-----------|----------------|--|-----------------|--|----------|----------|--------------|--|---------------|--|-----|-----|--------|--|
| 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 | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION UNITS | | SCALE | | | | | | | | | | | | | | | | | | | | | |
| FA | = 0 | EC NO: 115635 DRWN: GLLI CHK'D: AYIN APPR: AYIN | | 4 PLACES ± | | ANGULAR TOL ± 3.0 ° | | MM | | 3:1 | | | | | | | | | | | | | | | | | | | | | |
| FE | = 0 | | | | | | | DRWN BY | | DATE | | | | | | | | | | | | | | | | | | | | | |
| FF | = 0 | | | | | | | GLLI | | 2014/07/16 | | | | | | | | | | | | | | | | | | | | | |
| FC | = 0 | | | | | | | CHK'D BY | | DATE | | | | | | | | | | | | | | | | | | | | | |
| FD | = 0 | | | | | | | AYIN | | 2015/04/08 | | | | | | | | | | | | | | | | | | | | | |
| FA | = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRAWING SIZE | | THIRD ANGLE PROJECTION | | <p>HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR</p> <p>PRODUCT CUSTOMER DRAWING</p> <table border="1"> <tr> <td>SERIES</td> <td>MATERIAL NUMBER</td> <td colspan="2">CUSTOMER</td> </tr> <tr> <td>105313</td> <td>SEE CHART</td> <td colspan="2">GENERAL MARKET</td> </tr> <tr> <td colspan="2">DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td colspan="2">SHEET NUMBER</td> </tr> <tr> <td colspan="2">SD-105313-100</td> <td>PSD</td> <td>000</td> <td colspan="2">2 OF 3</td> </tr> </table> | | | | SERIES | MATERIAL NUMBER | CUSTOMER | | 105313 | SEE CHART | GENERAL MARKET | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | SHEET NUMBER | | SD-105313-100 | | PSD | 000 | 2 OF 3 | |
| SERIES | MATERIAL NUMBER | CUSTOMER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105313 | SEE CHART | GENERAL MARKET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOCUMENT NUMBER | | DOC TYPE | DOC PART | SHEET NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD-105313-100 | | PSD | 000 | 2 OF 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FC | = 0 | A3 | | A3 | | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | |
| FE | = 0 | REV | | C | | REV | | | | | | | | | | | | | | | | | | | | | | | | | |
| FF | = 0 | RELEASE STATUS | | P1 | | RELEASE DATE | | 15.05.2017 | | 07:01:18 | | | | | | | | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | |
|--|--|---|--|---|--|---|--|--|--|---------------------------------|--|---|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | |
| QUALITY SYMBOLS  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0 | | 2017/03/29 2017/05/15 EC NO: 115635 DRWN: GLLI CHK'D: AYIN 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: MM SCALE: 3:1 DRWN BY: GLLI DATE: 2014/07/16 CHK'D BY: DATE: APPR BY: AYIN DATE: 2015/04/08 | |  HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR | | PRODUCT CUSTOMER DRAWING | | SERIES: 105313 MATERIAL NUMBER: SEE SHEET 2 CUSTOMER: GENERAL MARKET | |
| DRAWING SIZE: A3 THIRD ANGLE PROJECTION:  | | DOCUMENT NUMBER: SD-105313-100 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 3 OF 3 | | | | | | | | | | | |