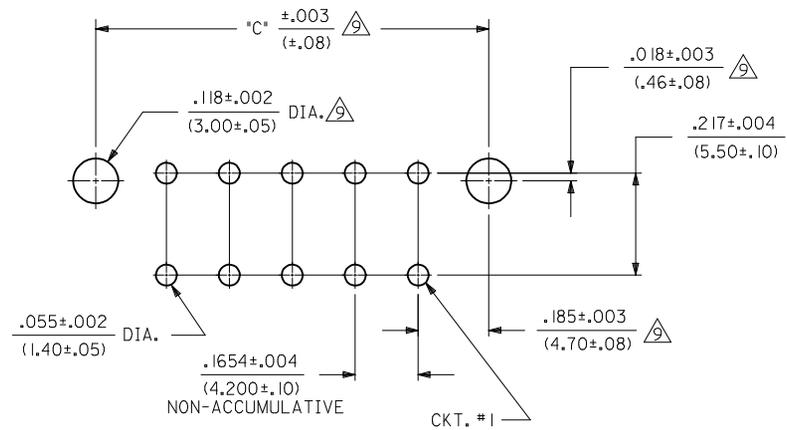
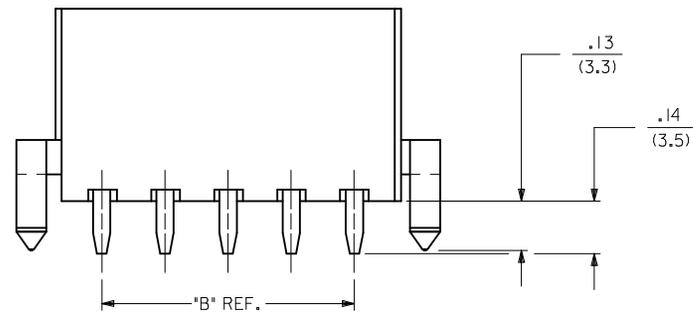
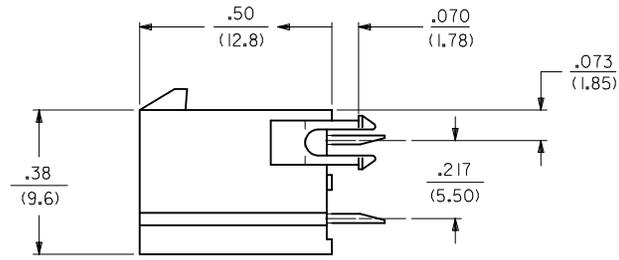
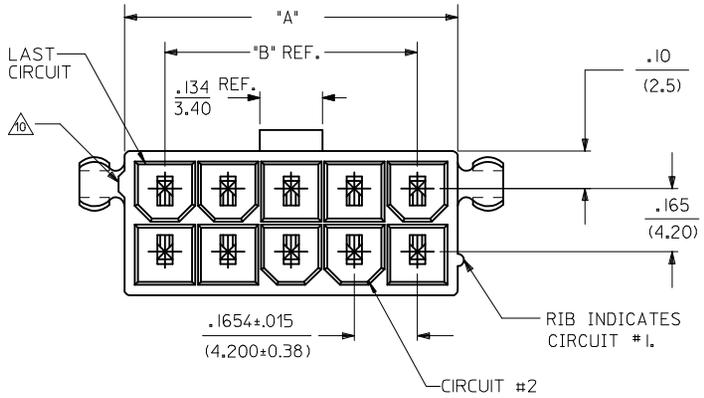


8 CKT SHOWN

| CIRCUIT SIZE | DIM. "A" | DIM. "B" | DIM. "C" |
|--------------|----------------|----------------|------------------|
| 2 | .21 (5.4) | — | .370 (9.40) |
| 4 | .38 (9.6) | .17 (4.2) | .535 (13.60) |
| 6 | .54 (13.8) | .33 (8.4) | .701 (17.80) |
| 8 | .71 (18.0) | .50 (12.6) | .866 (22.00) |
| 10 | .87 (22.2) | .66 (16.8) | 1.031 (26.20) |
| 12 | 1.04 (26.4) | .83 (21.0) | 1.197 (30.40) |
| 14 | 1.20 (30.6) | .99 (25.2) | 1.362 (34.60) |
| 16 | 1.37 (34.8) | 1.16 (29.4) | 1.528 (38.80) |
| 18 | 1.54 (39.0) | 1.32 (33.6) | 1.693 (43.00) |
| 20 | 1.70 (43.2) | 1.49 (37.8) | 1.858 (47.20) |
| 22 | 1.87 (47.4) | 1.65 (42.0) | 2.024 (51.40) |
| 24 | 2.03 (51.6) | 1.82 (46.2) | 2.189 (55.60) |



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P. C. BOARD
VIEWED FROM COMPONENT SIDE

172447 - * * * * *

PLATING
SEE NOTE 2
0 = TIN
1 = GOLD

ASSEMBLY TYPE
0 = DUAL ROW W/ PEGS
2 = DUAL ROW W/O PEGS

CIRCUIT SIZE

| | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|------------------------|
| CREATE DRAWING EC NO: UCP2013-4208 DRAWING: NGUYEN 2014/04/22 CHKD: JBELL 2014/04/22 APPR: FSMITH 2014/05/16 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | IN/MM | 4:1 | METRIC | |
| | ▽=0 | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE | | |
| | ▽=0 | 3 PLACES ± --- ±.015 | NGUYEN 2014/04/22 | MINI-FIT VERT HDR ASSY W & W/O PEGS DUAL ROW | | |
| | 2 PLACES ± 0.38 ±.020 | CHECKED BY DATE | molex | | | |
| | 1 PLACE ± 0.50 ± --- | JBELL 2014/04/22 | SD-172447-0000 | | | |
| | 0 PLACE ± --- ± --- | APPROVED BY DATE | SHEET NO. | | | |
| | | FSMITH 2014/05/16 | 1 OF 2 | | | |
| | ANGULAR ±1/2° | MATERIAL NO. | DOCUMENT NO. | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART | | | | |
| | | SIZE C | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

| 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|--------|-------------|----------|-----------------|--------------------|--------|-------------|----------|-----------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
| TOOLED | PART NUMBER | CKT SIZE | MOUNTING OPTION | PLATING SEE NOTE 2 | TOOLED | PART NUMBER | CKT SIZE | MOUNTING OPTION | PLATING SEE NOTE 2 | | | |
| YES | 172447-0002 | 2 | WITH PEGS | TIN | YES | 172447-0202 | 2 | WITHOUT PEGS | TIN | NOTES: 1. MATERIALS: HOUSING: NYLON, UL94 V-2, COLOR: BLACK, IEC 60335-1, 5th EDITION GLOW WIRE CAPABLE TERMINALS: BRASS 2. TERMINAL PLATING: GOLD =.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL TIN =.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL 3. PRODUCT SPECIFICATION: PS-5556-001 4. PACKAGING: TRAY PACKED PER PK-5566-001 5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 46992. 6. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK ON THE HOUSING MEET CLASS "C" REQUIREMENTS. 7. PART IS NOT DESIGNED FOR CURRENT SHARING. 8. PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE. 9. LOCATION OF .118±.002/(3.00±0.05) DIAMETER HOLES ON P.C. BOARD IS FOR OPTIONAL PEGS. 10. ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS. | | |
| YES | 172447-0004 | 4 | | | YES | 172447-0204 | 4 | | | | | |
| YES | 172447-0006 | 6 | | | YES | 172447-0206 | 6 | | | | | |
| YES | 172447-0008 | 8 | | | YES | 172447-0208 | 8 | | | | | |
| YES | 172447-0010 | 10 | | | YES | 172447-0210 | 10 | | | | | |
| YES | 172447-0012 | 12 | | | YES | 172447-0212 | 12 | | | | | |
| NO | 172447-0014 | 14 | | | YES | 172447-0214 | 14 | | | | | |
| NO | 172447-0016 | 16 | | | YES | 172447-0216 | 16 | | | | | |
| NO | 172447-0018 | 18 | | | NO | 172447-0218 | 18 | | | | | |
| NO | 172447-0020 | 20 | | | NO | 172447-0220 | 20 | | | | | |
| NO | 172447-0022 | 22 | NO | 172447-0222 | 22 | | | | | | | |
| NO | 172447-0024 | 24 | NO | 172447-0224 | 24 | | | | | | | |

| TOOLED | PART NUMBER | CKT SIZE | MOUNTING OPTION | PLATING SEE NOTE 2 | TOOLED | PART NUMBER | CKT SIZE | MOUNTING OPTION | PLATING SEE NOTE 2 |
|--------|-------------|----------|-----------------|--------------------|--------|-------------|----------|-----------------|--------------------|
| YES | 172447-1002 | 2 | WITH PEGS | GOLD | YES | 172447-1202 | 2 | WITHOUT PEGS | GOLD |
| YES | 172447-1004 | 4 | | | YES | 172447-1204 | 4 | | |
| YES | 172447-1006 | 6 | | | YES | 172447-1206 | 6 | | |
| YES | 172447-1008 | 8 | | | YES | 172447-1208 | 8 | | |
| YES | 172447-1010 | 10 | | | YES | 172447-1210 | 10 | | |
| YES | 172447-1012 | 12 | | | YES | 172447-1212 | 12 | | |
| NO | 172447-1014 | 14 | | | YES | 172447-1214 | 14 | | |
| NO | 172447-1016 | 16 | | | YES | 172447-1216 | 16 | | |
| NO | 172447-1018 | 18 | | | NO | 172447-1218 | 18 | | |
| NO | 172447-1020 | 20 | | | NO | 172447-1220 | 20 | | |
| NO | 172447-1022 | 22 | NO | 172447-1222 | 22 | | | | |
| NO | 172447-1024 | 24 | NO | 172447-1224 | 24 | | | | |

NOTES:
 1. MATERIALS:
 HOUSING:
 NYLON, UL94 V-2, COLOR: BLACK, IEC 60335-1, 5th EDITION GLOW WIRE CAPABLE
 TERMINALS:
 BRASS
 2. TERMINAL PLATING:
 GOLD =.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
 TIN =.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL
 3. PRODUCT SPECIFICATION: PS-5556-001
 4. PACKAGING: TRAY PACKED PER PK-5566-001
 5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 46992.
 6. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK ON THE HOUSING MEET CLASS "C" REQUIREMENTS.
 7. PART IS NOT DESIGNED FOR CURRENT SHARING.
 8. PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.
 9. LOCATION OF .118±.002/(3.00±0.05) DIAMETER HOLES ON P.C. BOARD IS FOR OPTIONAL PEGS.
 10. ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.

| | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------|-------------------------------|------------------------|--|
| SEE SHEET 1 EC NO: UCP2013-4208 DRAWN: NGUYEN 2014/04/22 CHKD: JBELL 2014/04/22 APPR: FSMITH 2014/05/16 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ±.015 | DRAWN BY NGUYEN | DATE 2014/04/22 | TITLE MINI-FIT VERT HDR ASSY W & W/O PEGS DUAL ROW | | | |
| | | 2 PLACES ± 0.38 ±.020 | 1 PLACE ± 0.50 ± --- | CHECKED BY JBELL | DATE 2014/04/22 | APPROVED BY FSMITH | | DATE 2014/05/16 | |
| | | 0 PLACE ± --- ± --- | ANGULAR ±1/2° | | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-172447-0000 | SHEET NO. 2 OF 2 | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |