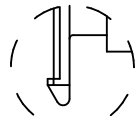
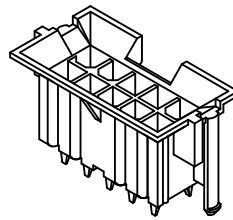
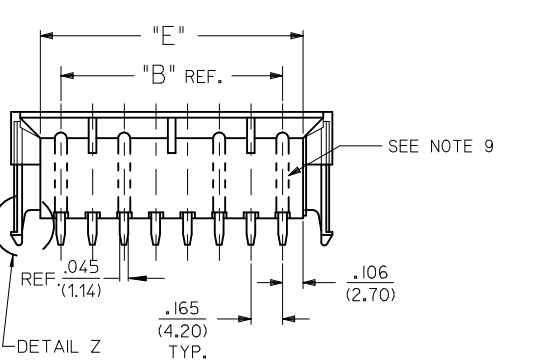
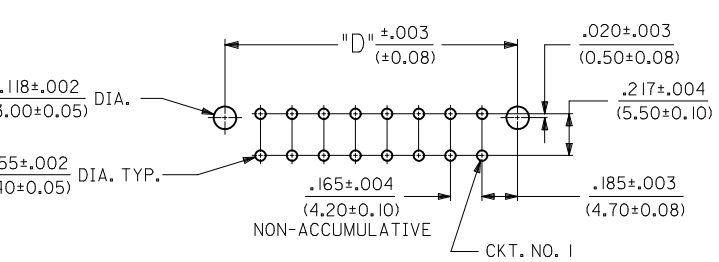
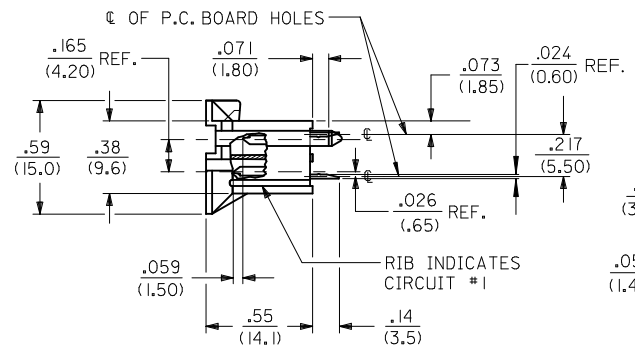
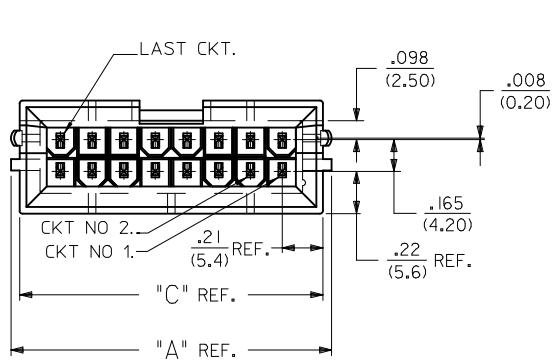


| CIRCUIT SIZE | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" | DIM. "E" |
|--------------|------------------|----------------|------------------|------------------|----------------|
| 2 | .520 (13.20) | — | .425 (10.80) | .370 (9.40) | .21 (5.4) |
| 4 | .685 (17.40) | .17 (4.2) | .590 (15.00) | .535 (13.60) | .38 (9.6) |
| 6 | .850 (21.60) | .33 (8.4) | .756 (19.20) | .701 (17.80) | .54 (13.8) |
| 8 | 1.016 (25.80) | .50 (12.6) | .921 (23.40) | .866 (22.00) | .71 (18.0) |
| 10 | 1.181 (30.00) | .66 (16.8) | 1.087 (27.60) | 1.031 (26.20) | .87 (22.2) |
| 12 | 1.346 (34.20) | .83 (21.0) | 1.252 (31.80) | 1.197 (30.40) | 1.04 (26.4) |
| 14 | 1.512 (38.40) | .99 (25.2) | 1.417 (36.00) | 1.362 (34.60) | 1.20 (30.6) |
| 16 | 1.677 (42.60) | 1.16 (29.4) | 1.583 (40.20) | 1.528 (38.80) | 1.37 (34.8) |
| 18 | 1.843 (46.80) | 1.32 (33.6) | 1.748 (44.40) | 1.693 (43.00) | 1.54 (39.0) |
| 20 | 2.008 (51.00) | 1.49 (37.8) | 1.913 (48.60) | 1.858 (47.20) | 1.70 (43.2) |
| 22 | 2.173 (55.20) | 1.65 (42.0) | 2.079 (52.80) | 2.024 (51.40) | 1.87 (47.4) |
| 24 | 2.339 (59.40) | 1.82 (46.2) | 2.244 (57.00) | 2.189 (55.60) | 2.03 (51.6) |



DETAIL "Z"
PEG DESIGN
PRIOR TO 8/11/97

- NOTES:
- MATERIAL:
HOUSING MATERIAL AND OPTIONS:
A=NYLON 6/6, UL94 V-2, WITHOUT DRAIN HOLES, COLOR: NATURAL
B=NYLON 6/6, UL94 V-0, WITHOUT DRAIN HOLES, COLOR: NATURAL
C=NYLON 6/6, UL94 V-2, WITH DRAIN HOLES, COLOR: NATURAL
D=NYLON 6/6, UL94 V-0, WITH DRAIN HOLES, COLOR: NATURAL
TERMINALS: BRASS
 - TERMINAL PLATING:
A=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL
B=.000050/(0.00127) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
D=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL
E=.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION AND PARAMETERS: PS-5556-002
 - PACKAGING: TRAY PACK PER PK-42440-001
 - PART MATES WITH MINI-FIT RECEPTACLES #5557 AND #42474.
 - PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
 - THIS PART IS NOT DESIGNED FOR CURRENT SHARING.
 - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
 - OPTIONAL RIBS MAY BE FOUND ON PARTS MANUFACTURED AFTER 1997/08/11. RIB LOCATION IS DETERMINED BY MOLD DESIGN FOR MANUFACTURING EASE AND THE LOCATION DOES NOT AFFECT PART FUNCTION OR PERFORMANCE. LOCATION OF RIBS MAY VARY ON PARTS WITHIN MANUFACTURING LOT OR SHIPMENT. THIS DRAWING SHOWS TYPICAL RIB LOCATIONS.
 - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - PARTS MANUFACTURED AFTER 8/15/1997 MAY HAVE REVISED LOCK PEG.



| | | | | | | | |
|---|--------------------------------------|--|-----------------|--|-----------|---------------------|------------------------|
| ADD 43455-0053 EC NO: UCP2011-1269 DRAWN: JAGUILAR 2010/11/01 CHKD: J.BELL 2010/11/01 APPR: FSMITH 2010/11/18 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | | mm | INCH | | | |
| REV F9 | DESCRIPTION | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY DATE | | TITLE | MATERIAL NO. | SHEET NO. |
| | | | AFG 1994/12/07 | 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST | | | |
| | | APPROVED BY DATE | | MOLEX INCORPORATED | | | |
| | | FSMITH 2010/11/18 | | SEE CHART | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

| ITEM NO. | CHARACTERISTIC DESCRIPTION | TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: (SEE CODES AT RIGHT) | | | | | | | | | | | | | | | | | | | | | | | | TERM. CODES FOR CHART AT LEFT | | | |
|----------|----------------------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|-------------------------------|--------------------|-------|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | TERMINAL NO. | PLATING / MATERIAL | | |
| J | 43459-0001 | 04AAA | 1 | 1 | 8 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1=MAKE-FIRST | A | BRASS | J |
| | 43459-0002 | 04BAA | 1 | 1 | 8 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2=MAKE-FIRST | B | BRASS | |
| | 43459-0003 | 04CAA | 1 | 1 | 8 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3=MAKE-FIRST | E | BRASS | |
| | 43459-0004 | 04DAA | 1 | 1 | 8 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | ---- | --- | ---- | | |
| I | 43459-0005 | 10CAD | 5 | 5 | 5 | 5 | 5 | | 5 | 5 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 5=MAKE-FIRST | D | BRASS | I |
| | 43459-0006 | 10DAD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | ---- | --- | ---- | | |
| | 43459-0007 | 10CAE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 7=STANDARD | B | BRASS | | |
| | 43459-0008 | 10DAE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 8=STANDARD | A | BRASS | | |
| H | 43459-0009 | 18CAD | 9 | 9 | 9 | 9 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 5 | 9 | 9 | 9 | - | - | - | - | 9=STANDARD | D | BRASS | H |
| | 43459-0011 | 24CAD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10=STANDARD | E | BRASS | |
| | 43459-0012 | 24DAD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | |
| | 43459-0013 | 24DAD | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | | | |
| G | 43459-0014 | 18DAD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | - | - | - | - | | | | |
| | 43459-0015 | 18DAE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | - | - | | | | |
| | 43459-0016 | 14DAD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0017 | 18DAD | 9 | 9 | 9 | 9 | 5 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 5 | 9 | 9 | 9 | - | - | - | - | | | | |
| F | 43459-0018 | 10CAA | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0019 | 10DAE | 3 | 3 | 3 | 10 | 10 | 3 | 3 | 3 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0020 | 18CAE | 10 | - | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - | - | - | - | | | | | |
| | 43459-0021 | 10CAD | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0022 | 10CAD | 5 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| E | 43459-0023 | 14CAD | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0024 | 14CAD | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0025 | 18DAE | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3 | - | 10 | - | - | - | - | | | | | |
| | 43459-0026 | 10DAE | 10 | - | 10 | - | 10 | 10 | - | 10 | - | 10 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| D | 43459-0027 | 24DAE | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - | | | | |
| | 43459-0028 | 24CAE | 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3 | | | | |
| | 43459-0029 | 14DAE | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 10 | 10 | 10 | 10 | - | - | - | - | - | - | - | | | | | |
| | 43459-0030 | 04DAE | 3 | 3 | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| C | 43459-0031 | 18DAE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | - | - | | | | | |
| | 43459-0032 | 10DAE | 3 | 10 | 10 | 10 | 10 | 3 | 10 | 10 | 10 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0033 | 14DAE | 3 | 10 | 10 | 10 | 10 | 10 | 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - | - | - | - | - | - | - | - | | | | | |
| | 43459-0034 | 14DAE | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 10 | 10 | 10 | - | - | - | - | - | - | - | - | | | | | |

CHARACTERISTICS LEGEND:

CIRCUIT SIZE: _____ ** * *
(02-24)

HOUSING MATERIAL AND OPTIONS: _____

A=NYLON 6/6, U.L. 94V-2, WITHOUT DRAIN HOLES, COLOR: NATURAL.
 B=NYLON 6/6, U.L. 94V-0, WITHOUT DRAIN HOLES, COLOR: NATURAL.
 C=NYLON 6/6, U.L. 94V-2, WITH DRAIN HOLES, COLOR: NATURAL.
 D=NYLON 6/6, U.L. 94V-0, WITH DRAIN HOLES, COLOR: NATURAL.

TERMINAL MATERIAL: _____

A=BRASS

TERMINAL PLATING (SEE NOTE 2): _____

A=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL
 B=.000050/(0.00127) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
 D=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL
 E=.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL

| | | | | | | | |
|--|--------------------------------------|--|--|--|---|-------------------------------------|---|
| ADDED 43459-0052 EC NO: UCP2010-3312 DRWN: ANDERSON 2010/06/30 CHKD: JEBEL 2010/07/02 APPR: FSM/TH 2010/07/08 REV: F7 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- ANGULAR ±1/2° | DIMENSION STYLE IN/MM DRAWN BY DATE AFG 1994/12/07 CHECKED BY DATE RJF 1994/12/07 APPROVED BY DATE RJF 1994/12/07 | SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST MOLEX MOLEX INCORPORATED | MATERIAL NO. SEE CHART SIZE C | DOCUMENT NO. SDA-43459-**** SHEET NO. 2 OF 3 |
| | | | | | | | |