

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

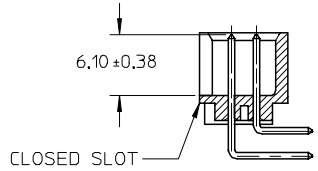
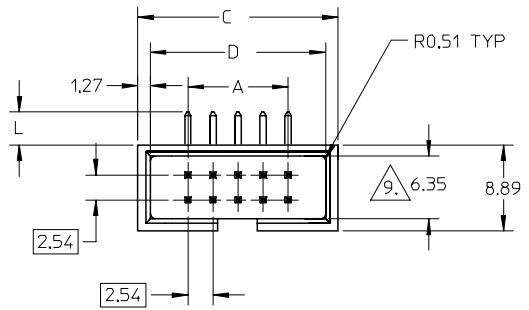
E

D

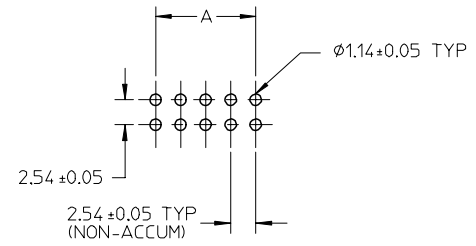
C

B

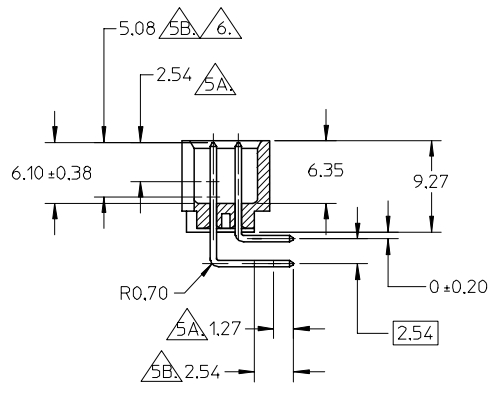
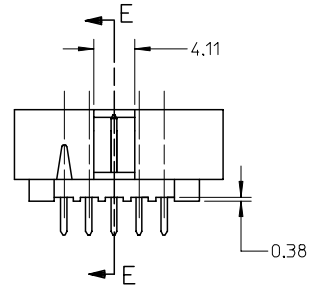
A



MOLEX IRELAND PRODUCTION ONLY
(OPTION)



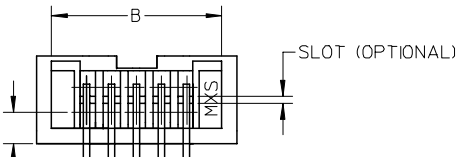
RECOMMENDED PCB HOLE LAYOUT



SECTION E-E

LEGEND:

A-70246 - * * * *
 CKT SIZE
 PLATING OPT.
 SEE TABLE FOR DETAIL



AT TIPS BOTH ENDS

| | | | | | | | | |
|--|--|--------------------|---|--|---|--|--------------|------------------------|
| ADD NOTE AND SYM 9. EC NO: S2005-0641 DRWN:SEE CHKD:PTLIM APPR:SKTOH | 2005/02/28 2005/02/28 2005/03/02 | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | | | $\nabla = 0$ $\nabla C = 0$ | (UNLESS SPECIFIED) mm INCH | MM ONLY | NTS | METRIC | ☉ |
| | | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 ° | DRAWN BY DATE JENNIFER 1987/09/21 CHECKED BY DATE MLA1 1987/09/21 APPROVED BY DATE ALANB 1987/09/21 MATERIAL NO. | TITLE SALES DRAWING, C-GRID SHROUDED HEADER, R/A (SLOTTED W/O STANDOFFS) MOLEX INCORPORATED | SHEET NO. 1 OF 2 | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE SIZE A3 | DOCUMENT NO. SDA-70247-**-00-04 | 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

10 9 8 7 6 5 4 3 2 1


NOTES:


1. PIN PUSHOUT FORCE (.9072KG)/2LBS MIN.
2. PIN SOLDERABILITY PER MOLEX SPEC. ES-152.
3. PRODUCT SPEC: PS-70246 APPLIES.
4. WAFER TO BE FLAT WITHIN .003 MM/MM.
5. DIMENSIONS FOR PLATING LOCATION:


 MEASURE POINT FOR THICKNESS

 MINIMUM COVERAGE


 GOLD END OF PIN UNLESS OVERALL PLATED.


-  FINISH: - 571 : 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
- 571A: 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN/LEAD PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
- 574 : 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
- 574A: 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN/LEAD PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.



 CHECK WITH SALES OFFICE FOR AVAILABILITY.

 DIM AT THE CENTRE OF THE SHROUDED WALL SHALL BE 5.91MM MIN. THIS SPEC IS VALID FOR ALL CKT SIZE.

10. MATERIAL:
 HSG: 15% GF, PBT, 94V-0, COLOUR BLACK (SPEC NO: 89992-0028)
 PIN: 0.64MM SQ. PIN PHOSPHOR BRONZE.

| PART NUMBER  | CKT SIZE | DIM A | DIM B | DIM C | DIM D |
|---|----------|-------|-------|-------|-------|
| 70247-08** | 08 | 7.62 | 14.73 | 17.78 | 15.24 |
| 70247-10** | 10 | 10.16 | 17.27 | 20.32 | 17.78 |
| 70247-12** | 12 | 12.70 | 19.81 | 22.86 | 20.32 |
| 70247-14** | 14 | 15.24 | 22.35 | 25.40 | 22.86 |
| 70247-16** | 16 | 17.78 | 24.89 | 27.94 | 25.40 |
| 70247-20** | 20 | 22.86 | 29.97 | 33.02 | 30.48 |
| 70247-24** | 24 | 27.94 | 35.05 | 38.10 | 35.56 |
| 70247-26** | 26 | 30.48 | 37.59 | 40.64 | 38.10 |
| 70247-30** | 30 | 35.56 | 42.67 | 45.72 | 43.18 |
| 70247-34** | 34 | 40.64 | 47.75 | 50.80 | 48.26 |
| 70247-40** | 40 | 48.26 | 55.37 | 58.42 | 55.88 |
| 70247-44** | 44 | 53.34 | 60.45 | 63.50 | 60.96 |
| 70247-48** | 48 | 58.42 | 65.53 | 68.58 | 66.04 |
| 70247-50** | 50 | 60.96 | 68.07 | 71.12 | 68.58 |
| 70247-56** | 56 | 68.58 | 75.69 | 78.74 | 76.20 |
| 70247-60** | 60 | 73.66 | 80.77 | 83.82 | 81.28 |
| 70247-64** | 64 | 78.74 | 85.85 | 88.90 | 86.36 |
| 70247-72** | 72 | 88.90 | 96.01 | 99.06 | 96.52 |

|  PART NUMBER | | L | L1 |
|---|------------|------|----|
| TIN | TIN/LEAD | 3.05 | 0 |
| 70247-**74 | 70247-**34 | | |
| 70247-**50 | 70247-**00 | | |
| 70247-**51 | 70247-**01 | | |
| 70247-**52 | 70247-**02 | | |
| 70247-**53 | 70247-**03 | | |
| 70247-**54 | 70247-**04 | | |

| ADD NOTE AND SYM 9. EC NO: S2005-0641 DRAWN:SEE CHKD:PTLIM APPR:SKTOH | 2005/02/28 2005/02/28 2005/03/03 | DESCRIPTION REV | QUALITY SYMBOLS  =0  =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | |
|---|--|--------------------|---|---------------------------------------|---|--|------------------------|------------------------|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|--|---|--|--|
| | | | | | | <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </table> ANGULAR ± 3 ° | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | DRAWN BY JENNIFER DATE 1987/09/21 CHECKED BY MLA1 DATE 1987/09/21 APPROVED BY ALANB DATE 1987/09/21 | TITLE SALES DRAWING, C-GRID SHROUDED HEADER, R/A (SLOTTED W/O STANDOFFS) | | |
| | | | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE | MOLEX MOLEX INCORPORATED | DOCUMENT NO. SDA-70247-**00-04 | SHEET NO. 2 OF 2 | | | | | | | | | | | | | | | | | | |
| | | | | SIZE A3 | 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