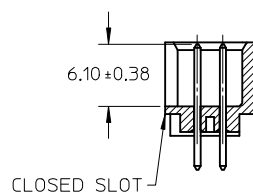
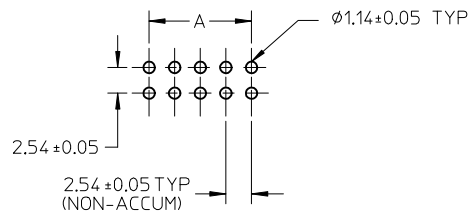


SECTION E-E




MOLEX IRELAND PRODUCTION ONLY
(OPTION)



RECOMMENDED PCB HOLE LAYOUT

NOTES:

- PIN PUSHOUT FORCE (.9072KG)/2LBS MIN.
- PIN SOLDERABILITY PER MOLEX SPEC. ES-152.
- PRODUCT SPEC: PS-70246-100 APPLIES.
- WAFER TO BE FLAT WITHIN .003 MM/MM.
- DIMENSIONS FOR PLATING LOCATION:
 - 5A MEASURE POINT FOR THICKNESS
 - 5B MINIMUM COVERAGE
 - 6. 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.
 - 574 : 30 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
 - 544 : 5 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
 - 573 : 20 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 100 MICRO INCHES MIN TIN PLATE ON SOLDERTAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
- DIM AT THE CENTRE OF THE SHROUDED WALL SHALL BE 5.91MM MIN. THIS SPEC IS VALID FOR ALL CKT SIZE.
- MATERIAL:
 - HSG: GLASS FILLED PBT, UL94V-0, COLOUR BLACK
 - PIN: 0.64MM SQ. PIN PHOSPHOR BRONZE.
- SOLDERTAIL POSITIONAL TOLERANCE SHALL BE GAUGED.

| | | | | | | | | | | | | | |
|--|--|--------------------|-----------------------------------|---------------------------------------|--------|----------------------------|---|--------------------|--|--|--|---------------------|--|
| UPDATE NOTE #3: EC NO: S2013-0029 DRAWN:ATSEE CHK'D:SKANG APPR:MLONG J6 | 2012/07/20 2012/08/06 2012/10/08 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION | | | |
| | | | | | mm | INCH | DRAWN BY JENNIFER | DATE 1987/09/18 | TITLE C-GRID, SHROUDED HEADER (SLOTTED W/O STANDOFFS) | | | | |
| | | | | 4 PLACES | ± --- | ± --- | CHECKED BY RWONG | DATE 1987/09/18 | | | | | |
| | | | | 3 PLACES | ± --- | ± --- | APPROVED BY ALANB | DATE 1987/09/18 | MOLEX MOLEX INCORPORATED | | | | |
| | | | | 2 PLACES | ± 0.20 | ± --- | MATERIAL NO. SEE TABLE | | | | DOCUMENT NO. SDA-70246-**-20-25_39-41 | SHEET NO. 1 OF 2 | |
| | | | | 1 PLACE | ± --- | ± --- | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------|-------------|-------------|----------|----------|----------|----------|---|---|--|---|--|---|--|---|--|---|--|---|
| | 10 | | 9 | | 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 |
| | PART NUMBER | CKT SIZE | VOID CKT | DIM A | DIM B | DIM C | DIM D | VOID CKT, ONLY APPLY TO PLATING CODE | | | | | | | | | | | |
| F | 70246-08** | 08 | - | 7.62 | 14.73 | 17.78 | 15.24 | - | | | | | | | | | | | |
| | 70246-10** | 10 | - | 10.16 | 17.27 | 20.32 | 17.78 | - | | | | | | | | | | | |
| | 70246-12** | 12 | - | 12.70 | 19.81 | 22.86 | 20.32 | - | | | | | | | | | | | |
| | 70246-14** | 14 | - | 15.24 | 22.35 | 25.40 | 22.86 | - | | | | | | | | | | | |
| | 70246-16** | 16 | - | 17.78 | 24.89 | 27.94 | 25.40 | - | | | | | | | | | | | |
| E | 70246-20** | 20 | - | 22.86 | 29.97 | 33.02 | 30.48 | - | | | | | | | | | | | |
| | 70246-24** | 24 | - | 27.94 | 35.05 | 38.10 | 35.56 | - | | | | | | | | | | | |
| | 70246-26** | 26 | - | 30.48 | 37.59 | 40.64 | 38.10 | - | | | | | | | | | | | |
| | 70246-30** | 30 | - | 35.56 | 42.67 | 45.72 | 43.18 | - | | | | | | | | | | | |
| | 70246-34** | 34 | - | 40.64 | 47.75 | 50.80 | 48.26 | - | | | | | | | | | | | |
| | 70246-40** | 40 | - | 48.26 | 55.37 | 58.42 | 55.88 | - | | | | | | | | | | | |
| | 70246-44** | 44 | - | 53.34 | 60.45 | 63.50 | 60.96 | - | | | | | | | | | | | |
| | 70246-50** | 50 | - | 60.96 | 68.07 | 71.12 | 68.58 | - | | | | | | | | | | | |
| | 70246-1003 | 10 | 10 | 10.16 | 17.27 | 20.32 | 17.78 | 571 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| D | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| C | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| A | | | | | | | | | | | | | | | | | | | |

LEGEND:

70246 - * * * *

CKT SIZE

PLATING OPT.

SEE TABLE FOR DETAIL

| △ PART NUMBER | PLATING OPTION |
|------------------|----------------|
| 70246-**01 | 571 |
| 70246-**02 | 574 |
| 70246-**04 | 544 |

UPDATE NOTE #3.
EC NO: S2013-0029
2012/07/20
DRWN:ATSEE
CHKD:SKANG
2012/08/06
APPR:MLONG
2012/10/08

DESCRIPTION

REV

J6

QUALITY
SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.20 ± ---

1 PLACE ± --- ± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY

DATE

JENNIFER 1987/09/18

CHECKED BY

DATE

RWONG 1987/09/18

APPROVED BY

DATE

ALANB 1987/09/18

MATERIAL NO.

SEE TABLE

SIZE
A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
C-GRID, SHROUDED HEADER
(SLOTTED W/O STANDOFFS)

DOCUMENT NO.

SHEET NO.

SDA-70246-**20-25_39-41 2 OF 2