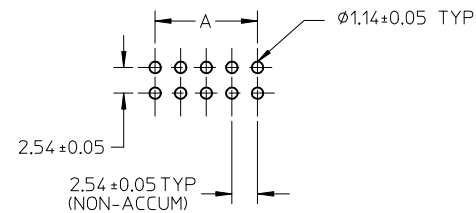


MOLEX IRELAND PRODUCTION ONLY (OPTION)



RECOMMENDED PCB HOLE LAYOUT

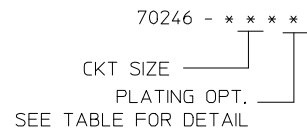
NOTES:

1. PIN PUSHOUT FORCE (.9072KG)/2LBS MIN.
2. PIN SOLDERABILITY PER MOLEX SPEC. ES-152.
3. PRODUCT SPEC: PS-70246-100 APPLIES.
4. WAFER TO BE FLAT WITHIN .003 MM/MM.
5. DIMENSIONS FOR PLATING LOCATION:
 - 5A MEASURE POINT FOR THICKNESS
 - 5B MINIMUM COVERAGE
6. GOLD END OF PIN UNLESS OVERALL PLATED.
7. FINISH:
 - 571 : 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL 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 SOLDER TAIL 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 SOLDER TAIL 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 SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
8. DIM AT THE CENTRE OF THE SHROUDED WALL SHALL BE 5.91MM MIN. THIS SPEC IS VALID FOR ALL CKT SIZE.
9. MATERIAL:
 - HSG: GLASS FILLED PBT, UL94V-0, COLOUR BLACK
 - PIN: 0.64MM SQ. PIN PHOSPHOR BRONZE.
10. SOLDER TAIL POSITIONAL TOLERANCE SHALL BE GAUGED.

| | | | | | | | | | | |
|--|-------------------------------|---------------------------------------|-------------|---|--------------------|--------------|---|------------------------|--|--|
| UPDATE NOTE #3. EC NO: S2013-0029 DRW:ATSEE 2012/07/20 CHKD:SKANG 2012/08/06 APPR:MLONG 2012/10/08 | QUALITY SYMBOLS ▽=0 ◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | | mm | INCH | DRAWN BY | DATE | TITLE | | | |
| | | 4 PLACES | ± --- | ± --- | JENNIFER | 1987/09/18 | C-GRID, SHROUDED HEADER (SLOTTED W/O STANDOFFS) | | | |
| | | 3 PLACES | ± --- | ± --- | CHECKED BY | DATE | | | | |
| 2 PLACES | ± 0.20 | ± --- | RWONG | 1987/09/18 | MOLEX INCORPORATED | | | | | |
| 1 PLACE | ± --- | ± --- | APPROVED BY | DATE | | | | | | |
| ANGULAR ± 3 ° | | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | SDA-70246-**20-25_39-41 | | 1 OF 2 | | | | |
| | | SIZE A3 | | 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 | | | | | | |
| 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 | - | | | | | | |
| 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 | | | | | | |

LEGEND:



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

| | | | | | | | | | | | |
|---|-------------------------------|---|--------------|-----------------------------------|--------------------|---|-------------------------------|---|--|--|---------------------|
| UPDATE NOTE #3. EC NO: S2013-0029 2012/07/20 DR:WATSEE 2012/08/06 CHK:SKANG 2012/10/08 APPR:MLONG | QUALITY SYMBOLS = 0 = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE NTS | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- | mm INCH | DRAWN BY JENNIFER | DATE 1987/09/18 | TITLE C-GRID, SHROUDED HEADER (SLOTTED W/O STANDOFFS) | | | | | |
| | | ANGULAR ± 3 ° | | CHECKED BY RWONG | DATE 1987/09/18 | | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY ALANB | DATE 1987/09/18 | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SDA-70246-***20-25_39-41 | | | 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 | | | | | | | | | |

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