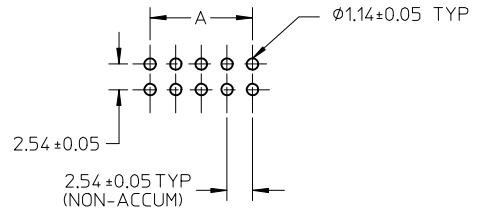
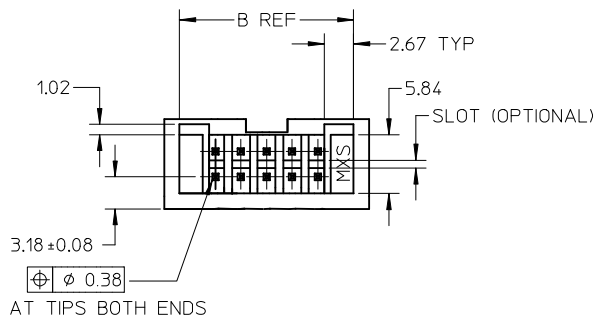
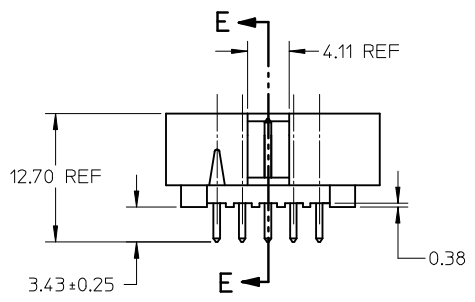


MOLEX IRELAND PRODUCTION ONLY  
(OPTION)



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 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.

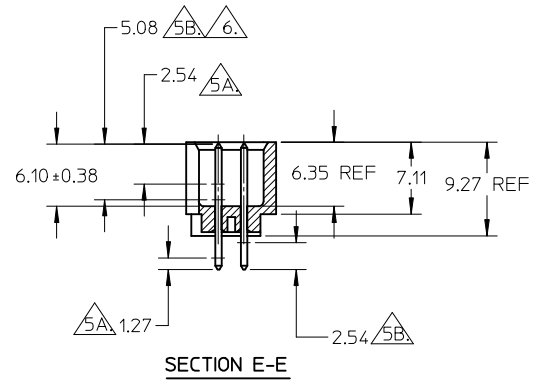
- 573 : 20 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 100 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.

△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.

△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.



SECTION E-E

|                         |              |            |
|-------------------------|--------------|------------|
| ADD IN P/N (70246-1003) | DRWN: YCHONG | 2009/06/25 |
| WITH VOID CKT #1        | CHKD: ATSEE  | 2009/06/30 |
| EC No: S2009-0966       | APPR: MLONG  | 2009/07/02 |
| J1                      | REV          |            |

| QUALITY SYMBOLS | DESCRIPTION |
|-----------------|-------------|
| ▽=0             |             |
| ∇=0             |             |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE |       |
|------------------------------------------------------|-----------------|-------|
|                                                      | mm              | INCH  |
| 4 PLACES                                             | ± ---           | ± --- |
| 3 PLACES                                             | ± ---           | ± --- |
| 2 PLACES                                             | ± 0.20          | ± --- |
| 1 PLACE                                              | ± ---           | ± --- |
| ANGULAR ± 3 °                                        |                 |       |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                 |       |

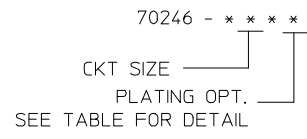
| DRAWN BY     |  | DATE                    |  | TITLE                                           |
|--------------|--|-------------------------|--|-------------------------------------------------|
| JENNIFER     |  | 1987/09/18              |  | C-GRID, SHROUDED HEADER (SLOTTED W/O STANDOFFS) |
| CHECKED BY   |  | DATE                    |  |                                                 |
| RWONG        |  | 1987/09/18              |  |                                                 |
| APPROVED BY  |  | DATE                    |  |                                                 |
| ALANB        |  | 1987/09/18              |  |                                                 |
| MATERIAL NO. |  | DOCUMENT NO.            |  |                                                 |
| SEE TABLE    |  | SDA-70246-**20-25,39-41 |  |                                                 |

|                    |                     |                        |
|--------------------|---------------------|------------------------|
| SCALE NTS          | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| MOLEX INCORPORATED |                     |                        |
| SHEET NO. 1 OF 2   |                     |                        |

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       | 1        | 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 | -                                    |
| 70246-56**  | 56       | -        | 68.58 | 75.69 | 78.74 | 76.20 | -                                    |
| 70246-60**  | 60       | -        | 73.66 | 80.77 | 83.82 | 81.28 | -                                    |
| 70246-64**  | 64       | -        | 78.74 | 85.85 | 88.90 | 86.36 | -                                    |
| 70246-72**  | 72       | -        | 88.90 | 96.01 | 99.06 | 96.52 | -                                    |
| 70246-25**  | 26       | 26       | 30.48 | 37.59 | 40.64 | 38.10 | -                                    |
| 70246-1003  | 10       | 1        | 10.16 | 17.27 | 20.32 | 17.78 | 571                                  |

LEGEND:



| △ PART NUMBER | PLATING OPTION |
|---------------|----------------|
| 70246-***01   | 571            |
| 70246-***02   | 574            |
| 70246-***04   | 544            |
| 70246-***12   | 573            |

C B

|                                                                                                                                                 |                       |                                                                                                                               |                                                                                                                                                                   |                                                                                                                                          |                                                            |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|
| ADD IN P/N (70246-1003)<br>WITH VOID CKT #1<br>EC No: S2009-0966<br>DRWN: YCHONG 2009/06/25<br>CHKD: ATSEE 2009/06/30<br>APPR: MLONG 2009/07/02 | DESCRIPTION<br>REV J1 | QUALITY SYMBOLS<br>▽=0<br>▽=0                                                                                                 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.20 ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± 3 ° | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY JENNIFER DATE 1987/09/18<br>CHECKED BY RWONG DATE 1987/09/18<br>APPROVED BY ALANB DATE 1987/09/18 | SCALE NTS<br>DESIGN UNITS METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>C-GRID, SHROUDED HEADER (SLOTTED W/O STANDOFFS) |
|                                                                                                                                                 |                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                          | MATERIAL NO. SEE TABLE<br>DOCUMENT NO. SDA-70246-***20-25,39-41<br>SHEET NO. 2 OF 2                                                                               |                                                                                                                                          |                                                            |                                                          |
|                                                                                                                                                 |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                                                                   |                                                                                                                                          |                                                            |                                                          |
|                                                                                                                                                 |                       | SIZE A3                                                                                                                       |                                                                                                                                                                   |                                                                                                                                          |                                                            |                                                          |

9 8 7 6 5 4 3 2 1