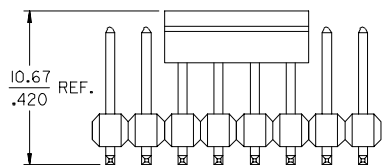
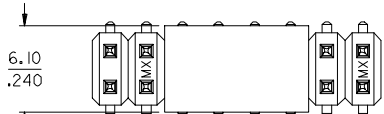
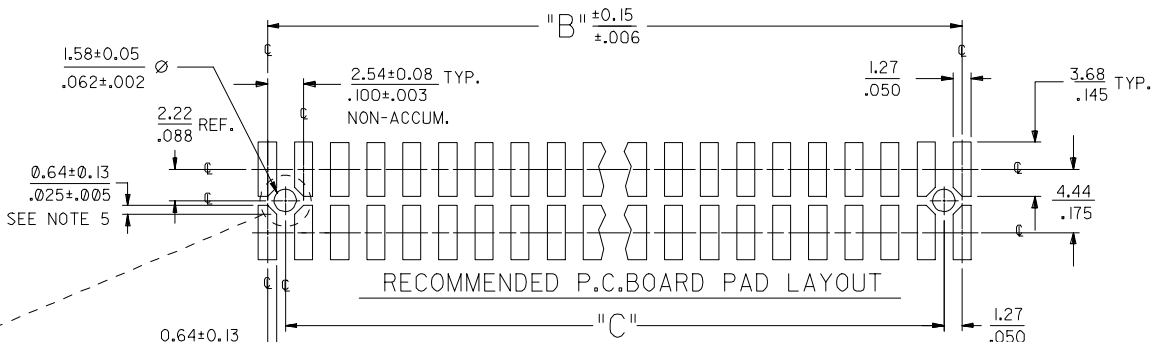


13 12 11 10 9 8 7 6 5 4 3 2 1

**OPTIONAL PICK AND PLACE CAP**  
SEE NOTES 8 & 9.



P.C. BOARD PAD LAYOUT AT ENDS FOR NO PEG VERSION.

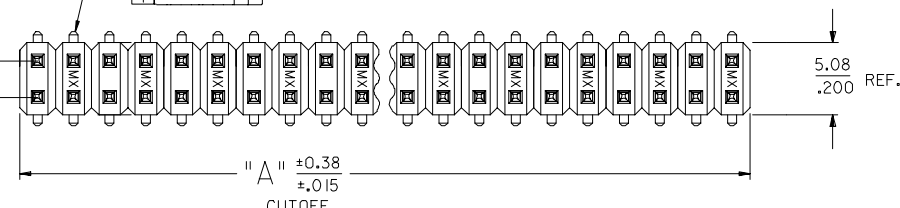


RECOMMENDED P.C. BOARD PAD LAYOUT

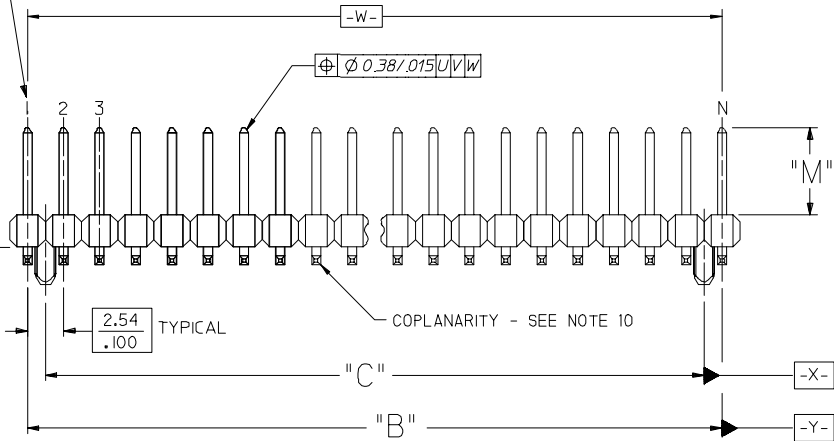
Ø 0.50/.020 U X FOR PARTS WITH PEGS  
Ø 0.50/.020 U Y FOR PARTS WITHOUT PEGS

ROW "A"

ROW "B"

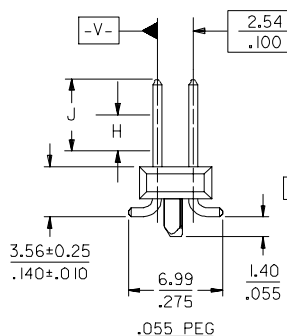
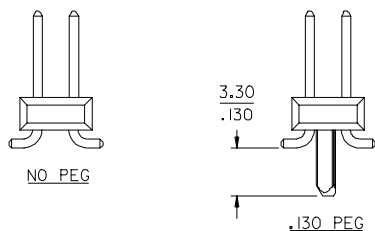


USED TO LOCATE VOIDED CIRCUITS



**FINISH:**

- TIN - .000150 MINMUM TIN OVER NICKEL OVER ALL
- 15 GOLD - .000015 MINMUM GOLD IN SELECT AREA OVER .000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL
- 30 GOLD - .000030 MINMUM GOLD IN SELECT AREA OVER .000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL
- 50 GOLD - .000050 MINMUM GOLD IN SELECT AREA OVER .0000100 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL



**NOTES:**

1. MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE
2. FINISHES: TERMINAL - SEE PLATING OPTIONS.
3. PART TO CONFORM TO PS-71308
4. PIN PUSHOUT FORCE: 3 LBS. MINMUM
5. TYP. DIMENSIONS FOR LANDS SURROUNDING HOLES FOR RETENTION PEGS.
6. PIN SOLDERABILITY PER MOLEX SPEC. ES-152.
7. SEE SHEETS 2-5 FOR CHARTED DIMS., PART/EDP NO'S, AND VOIDED CIRCUITS.
8. PACKAGING (SEE CHARTS):  
BULK: PER PK-70873-0353.  
TUBES: PER PK-70873-0041.  
PICK-N-PLACE: W/ VAC CAPS IN TUBES PER PK-70873-0691.  
TAPE AND REEL: WITH VAC CAPS PER PK-70873-0805.  
SEE SHEET 3 FOR TAPE & REEL PRODUCT WITH SHALLOW POCKET REQUIREMENTS.
9. PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA WILL BE IN CENTER OF PART.
10. COPLANARITY FOR CIRCUIT SIZES UP TO 40 IS 0.15 MM/.006 INCH. FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.

NOTE FOR LEAD FREE CONVERSION:  
THE PRIMARY SHIPPING CARTON WILL BE LABELED 'COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC'. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

|           |   |
|-----------|---|
| 5         | H |
| 4         | H |
| 3         | H |
| 2         | H |
| 1         | H |
| SHI. REV. |   |

|   |   |   |  |  |   |  |
|---|---|---|--|--|---|--|
| ADD UP TO 100 CKT<br>EC NO: UCP2005-0936<br>DRW:NBARKER 2005/04/14<br>CHK:DBARKER 2005/04/14<br>APPR:SMILLER 2005/04/14 | QUALITY SYMBOLS<br>▽=0<br>▽=0             | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .01<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ±1/2° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>KMS 10/15/1999<br>CHECKED BY DATE<br>KMS 10/15/1999<br>APPROVED BY DATE<br>KMS 10/15/1999 | SCALE<br>4:1<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION | TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAKOFF<br>OPTION .025 SQ PINS,<br>GULLWING, .100 GRID                       |  |
|   | MATERIAL NO.<br>DOCUMENT NO.<br>SHEET NO. | MOLEX INCORPORATED<br>SD-71308-001<br>1 OF 5  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |

12 11 10 9 8 7 6 5 4 3 2 1

