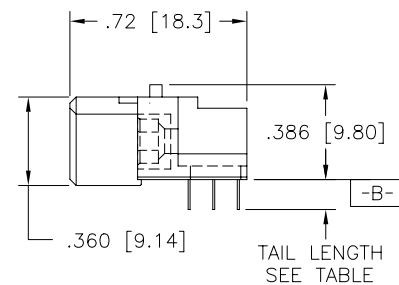
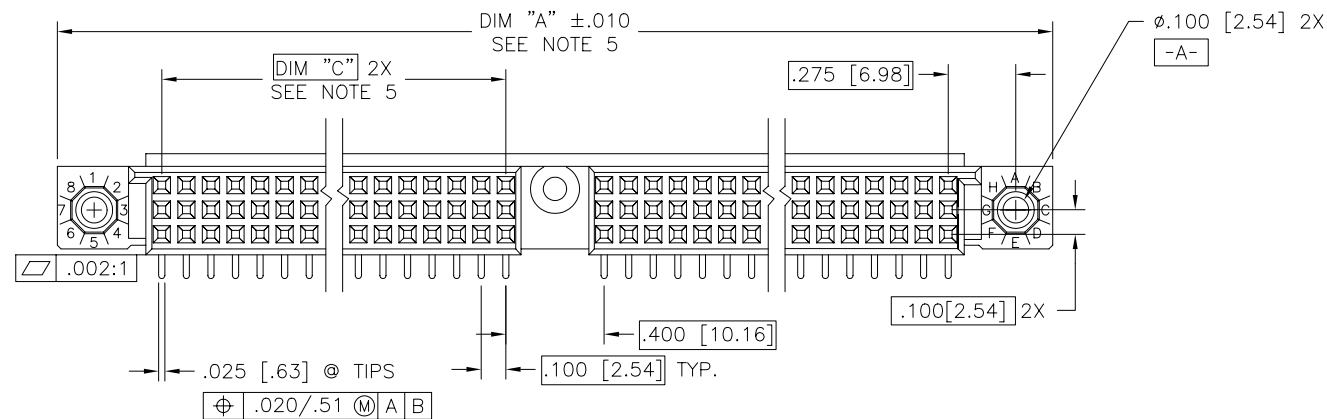
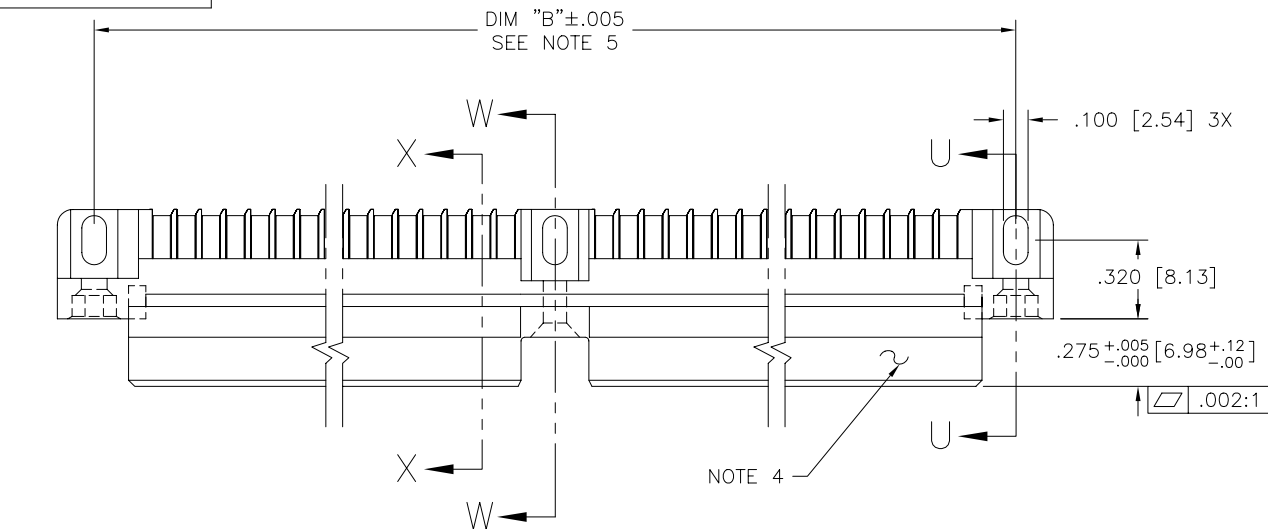




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PRODUCT NUMBER  
SEE TABLE

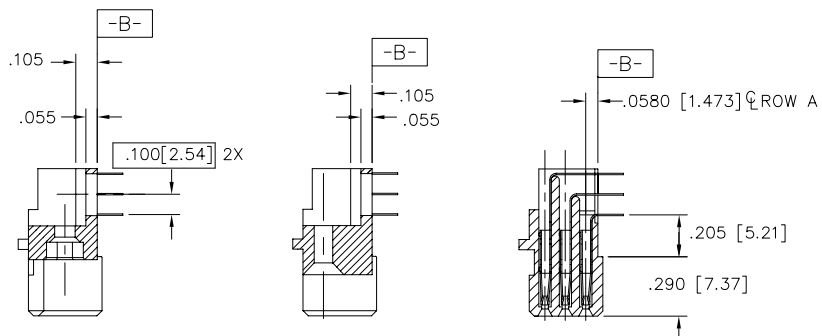


|                           |          |                       |                                  |                                       |                          |
|---------------------------|----------|-----------------------|----------------------------------|---------------------------------------|--------------------------|
| mat'l. code<br>SEE NOTE 3 |          | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101 | projection<br>INCH/MM                 | product family<br>HPC    |
| ltr                       | ecn no   | dr                    | date                             | tolerances unless otherwise specified | title                    |
| G                         | V40954   | GIP                   | 5/31/94                          | angles                                | 3 ROW R/A RECEPTACLE     |
| H                         | V41511   | GAH                   | 10/13/94                         | linear                                | SOLDER TAIL, 1 GUIDE PIN |
| J                         | V82250   | HTB                   | 12/28/98                         | σ±2'                                  |                          |
| K                         | V00253   | JWS                   | 1/12/00                          | dr                                    | D. HORCHLER              |
| L                         | V03-0301 | TAB                   | 4/30/03                          | engr                                  | T. BREWBAKER             |
| M                         | V05-0639 | DCH                   | 10/18/05                         | chr                                   | T. BREWBAKER             |
| N                         | M06-0255 | AEA                   | 7/06/06                          | app                                   | T. BREWBAKER             |
| sheet index               | revision | N                     | N                                | N                                     |                          |
|                           | sheet    | 1                     | 2                                | 3                                     |                          |

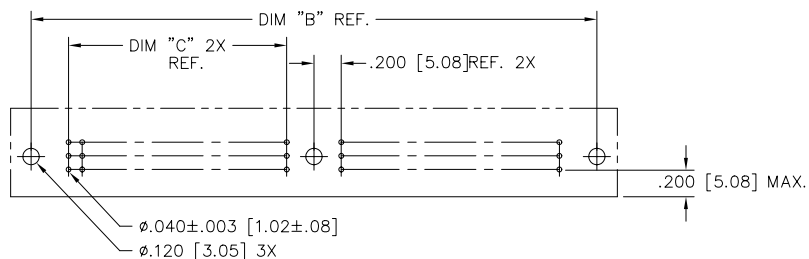


form: A3

PRODUCT NUMBER  
SEE TABLE



SECTION U-U      SECTION W-W      SECTION X-X



RECOMMENDED PCB LAYOUT  
(ALL HOLES LOCATED ON .100 [2.54] GRID  
UNLESS OTHERWISE SPECIFIED)

NOTES:

1. PRODUCT NUMBERING CODE:  
50001 - X YYY Z LF  
LEAD FREE (OPTIONAL)  
TAIL LENGTH SEE TABLE  
NO. OF POSITIONS SEE NOTE 2  
PLATING SEE TABLE  
BASE NUMBER

PRODUCT NUMBERING CODE FOR  
SELECT LOAD PART NUMBERS:  
50001 - XXXXX LF  
LEAD FREE (OPTIONAL)  
SEQUENCE NUMBER  
ALWAYS 'XX'  
BASE NUMBER

- ② THIS PRODUCT IS CONFIGURED IN SIZES OF 20 THRU 122 COLUMNS IN INCREMENTS OF TWO.  
i.e.: 20,22,24,26.....118,120,122.
- ③ HOUSING MATERIAL: GLASS AND MINERAL FILLED THERMOPLASTIC.  
CONTACT MATERIAL: BeCu
- ④ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- ⑤ LENGTH FORMULAS:  
DIM A = .100/2.54 X NO. OF COLUMNS + 1.05/26.7  
DIM B = .100/2.54 X NO. OF COLUMNS + .750/19.05  
DIM C = .100/2.54 X NO. OF COLUMNS DIVIDED BY 2 - .100/2.54
6. PRODUCT WITH "LF" SUFFIX MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THIS HOUSING (WITH "LF" SUFFIX) WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURES FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

|                           |                |   |                       |                                  |                                       |                       |                                                           |  |
|---------------------------|----------------|---|-----------------------|----------------------------------|---------------------------------------|-----------------------|-----------------------------------------------------------|--|
| mat'l. code<br>SEE NOTE 3 |                |   | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101 | projection<br>INCH/MM                 | product family<br>HPC |                                                           |  |
| ltr                       | ec             | n | dr                    | date                             | tolerances unless otherwise specified |                       | title<br>3 ROW R/A RECEPTACLE<br>SOLDER TAIL, 1 GUIDE PIN |  |
| N                         |                |   |                       |                                  | angles linear .XX ±.01/.3             |                       | sheet 2 of 3 size                                         |  |
|                           |                |   |                       |                                  | 0°±2' .XXX ±.005/.13                  |                       | A3                                                        |  |
|                           |                |   |                       |                                  | .XXX ±.0020/.051                      | scale 1:1             | 50001                                                     |  |
|                           |                |   |                       |                                  | dr D. HORCHLER 10/18/05               |                       | type Product Customer Drawing                             |  |
|                           |                |   |                       |                                  | enr T. BREWBAKER 10/18/05             |                       |                                                           |  |
|                           |                |   |                       |                                  | chr T. BREWBAKER 10/18/05             |                       |                                                           |  |
|                           |                |   |                       |                                  | app T. BREWBAKER 10/18/05             |                       |                                                           |  |
| sheet index               | revision sheet |   |                       |                                  |                                       |                       |                                                           |  |



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form: A3

| PRODUCT NUMBER | CONTACT PLATING | TAIL PLATING | TAIL LENGTH          |
|----------------|-----------------|--------------|----------------------|
| 50001-1YYYYE   | 30u" /0.76u Au  | TIN/LEAD     | .125±.010 / 3.18±.25 |
| 50001-1YYYYF   | 30u" /0.76u Au  | TIN/LEAD     | .145±.010 / 3.68±.25 |
| 50001-1YYYYH   | 30u" /0.76u Au  | TIN/LEAD     | .180±.010 / 4.57±.25 |
| 50001-3YYYYE   | 50u" /1.27u Au  | TIN/LEAD     | .125±.010 / 3.18±.25 |
| 50001-3YYYYF   | 50u" /1.27u Au  | TIN/LEAD     | .145±.010 / 3.68±.25 |
| 50001-3YYYYH   | 50u" /1.27u Au  | TIN/LEAD     | .180±.010 / 4.57±.25 |
| 50001-5YYYYE   | 30u" /0.76u GXT | TIN/LEAD     | .125±.010 / 3.18±.25 |
| 50001-5YYYYELF | 30u" /0.76u GXT | TIN          | .125±.010 / 3.18±.25 |
| 50001-5YYYYF   | 30u" /0.76u GXT | TIN/LEAD     | .145±.010 / 3.68±.25 |
| 50001-5YYYYFLF | 30u" /0.76u GXT | TIN          | .145±.010 / 3.68±.25 |
| 50001-5YYYYH   | 30u" /0.76u GXT | TIN/LEAD     | .180±.010 / 4.57±.25 |
| 50001-5YYYYHLF | 30u" /0.76u GXT | TIN          | .180±.010 / 4.57±.25 |

|                           |                   |    |    |                       |                                       |                          |                                                           |
|---------------------------|-------------------|----|----|-----------------------|---------------------------------------|--------------------------|-----------------------------------------------------------|
| mat'l. code<br>SEE NOTE 3 |                   |    |    | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101      | projection<br>           | product family<br>HPC                                     |
| ltr                       | ec                | no | dr | date                  | tolerances unless otherwise specified | <br>INCH/MM<br>scale 1:1 | title<br>3 ROW R/A RECEPTACLE<br>SOLDER TAIL, 1 GUIDE PIN |
| N                         |                   |    |    |                       | angles                                |                          | dwg no<br>50001<br>sheet 3 of 3 size<br>A3                |
|                           |                   |    |    |                       | linear                                |                          |                                                           |
|                           |                   |    |    |                       | 0°±2'                                 |                          |                                                           |
|                           |                   |    |    | dr                    | D. HORCHLER                           | 10/18/05                 | type<br>Product Customer Drawing                          |
|                           |                   |    |    | enr                   | T. BREWBAKER                          | 10/18/05                 |                                                           |
|                           |                   |    |    | chr                   | T. BREWBAKER                          | 10/18/05                 |                                                           |
|                           |                   |    |    | app                   | T. BREWBAKER                          | 10/18/05                 |                                                           |
| sheet<br>index            | revision<br>sheet |    |    |                       |                                       |                          |                                                           |