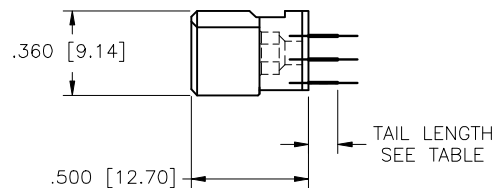
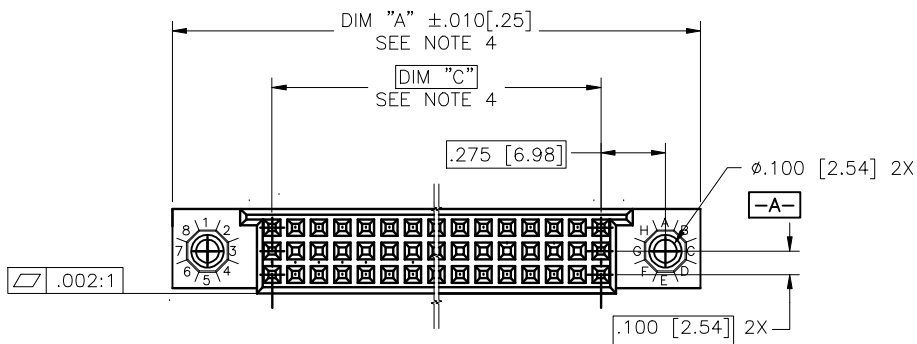
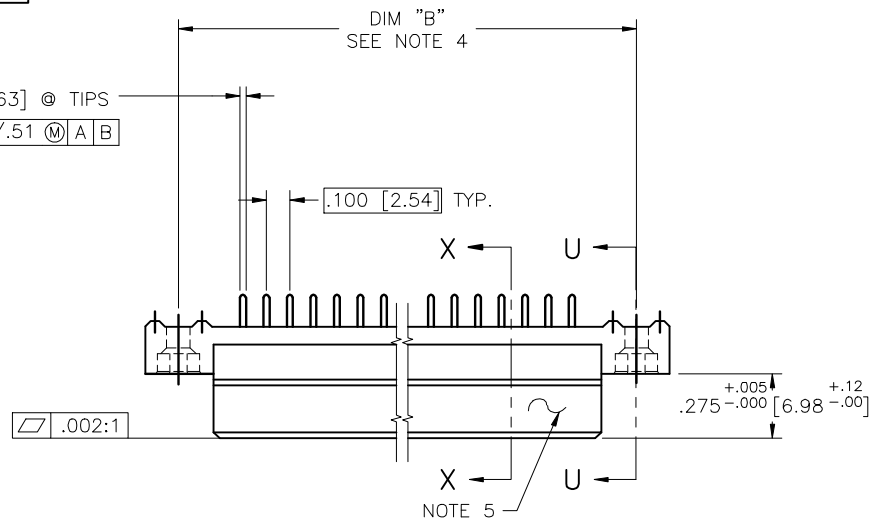


PRODUCT NUMBER  
SEE TABLE



|                       |          |     |          |                                       |                                  |                        |                              |
|-----------------------|----------|-----|----------|---------------------------------------|----------------------------------|------------------------|------------------------------|
| mat'l. code<br>NOTE 3 |          |     |          | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101 | projection<br>ISO 1001 | product family<br>HPC        |
| l/r                   | ecn no   | dr  | date     | tolerances unless otherwise specified |                                  | INCH/MM                | title                        |
| G                     | V40716   | PDP | 4/05/94  | angles                                | linear                           |                        | 3 ROW VERTICAL RECEPTACLE    |
| H                     | V41216   | MDF | 9/08/94  |                                       |                                  |                        | SOLDER TO BOARD, 0 GUIDE PIN |
| J                     | V90140   | HTB | 2/16/99  | $\sigma \pm 2$                        |                                  | scale 1:1              | dwg no                       |
| K                     | V00258   | JWS | 1/21/00  | dr                                    | S. ROYER                         | 8/08/91                | sheet 1 of 3 size            |
| L                     | V05-0744 | DAI | 10/15/05 | engr                                  | S. CLARK                         | 8/14/91                | 50332                        |
| M                     | M06-0255 | AEA | 7/07/06  | chr                                   | S. CLARK                         | 8/14/91                | A3                           |
| N                     | M08-0308 | MHT | 10/22/08 | appd                                  | S. CLARK                         | 8/14/91                | type                         |
| sheet                 | revision | N   | N        | N                                     |                                  |                        | Product Customer Drawing     |
| index                 | sheet    | 1   | 2        | 3                                     |                                  |                        |                              |

PRODUCT NUMBER

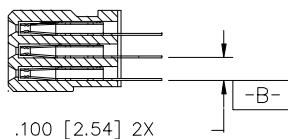
SEE TABLE

NOTES:

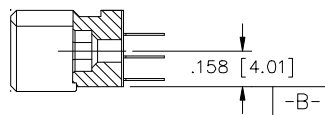
- ① PRODUCT NUMBERING CODE:  
 50332 - X YYY Z LF  
 LEAD FREE (OPTIONAL)  
 TAIL LENGTH SEE TABLE  
 NO. OF POSITIONS SEE NOTE 2  
 PLATING SEE TABLE  
 BASE NUMBER

PRODUCT NUMBERING CODE FOR  
 SELECT LOAD PART NUMBERS:

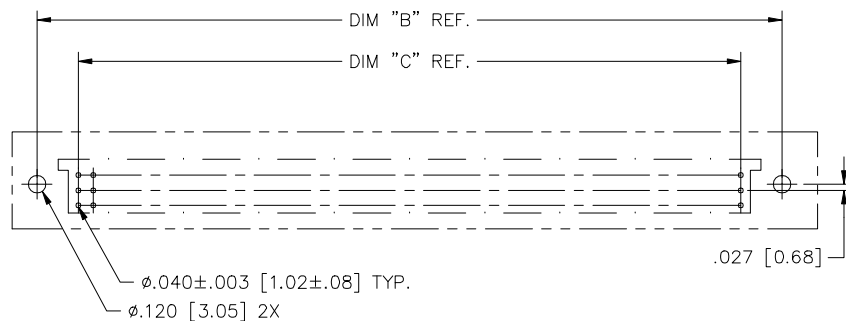
- 50332 - XYYYY LF  
 LEAD FREE (OPTIONAL)  
 SEQUENCE NUMBER  
 ALWAYS 'XX'  
 BASE NUMBER



SECTION X-X



SECTION U-U



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

- ② THIS PRODUCT IS CONFIGURED IN SIZES OF 10 THRU 80 COLUMNS IN INCREMENTS OF ONE. i.e.: 10,11,12,13,.....79,80.
- ③ HOUSING MATERIAL: GLASS AND MINERAL FILLED HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER UL94V-0. COLOR: BLACK. CONTACT MATERIAL: BeCu
- ④ LENGTH FORMULAS  
 $\text{DIM A} = .100/2.54 \times \text{NO. OF COLUMNS} + .75/19.1$   
 $\text{DIM B} = .100/2.54 \times \text{NO. OF COLUMNS} + .45/11.4$   
 $\text{DIM C} = .100/2.54 \times \text{NO. OF COLUMNS} - .10/2.5$
- ⑤ MANUFACTURE'S NAME, P/N AND LOT CODE TO APPEAR ON THIS SURFACE AS PER BUS-12-108.
6. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑧ PLATING OPTIONS:  
 MAYBE EITHER GOLD OR GXT PLATED AT MANUFACTURER CHOICE

|             |          |    |      |                                       |           |            |                              |
|-------------|----------|----|------|---------------------------------------|-----------|------------|------------------------------|
| mat'l. code |          |    |      | surface                               | tolerance | projection | product family               |
| -           |          |    |      | ISO 1902                              | ISO 406   | ISO 1101   | HPC                          |
| ltr         | ecr no   | dr | date | tolerances unless otherwise specified |           |            | title                        |
| N           |          |    |      | angles                                | linear    | INCH/MM    | 3 ROW VERTICAL RECEPTACLE    |
|             |          |    |      |                                       |           |            | SOLDER TO BOARD, 0 GUIDE PIN |
|             |          |    |      | 0±2'                                  |           | scale 1:1  | dwg no                       |
|             |          |    |      | dr                                    | S. ROYER  | 8/08/91    | sheet 2 of 3                 |
|             |          |    |      | engr                                  | S. CLARK  | 8/14/91    | size                         |
|             |          |    |      | chr                                   | S. CLARK  | 8/14/91    | A3                           |
|             |          |    |      | appd                                  | S. CLARK  | 8/14/91    | type                         |
| sheet       | revision |    |      |                                       |           |            | Product Customer Drawing     |
| index       | sheet    |    |      |                                       |           |            |                              |

| PRODUCT NUMBER | NUMBER OF POSITIONS<br>SEE NOTE 2 | TAIL LENGTH         | CONTACT PLATING<br>NOTE 8 |
|----------------|-----------------------------------|---------------------|---------------------------|
| 50332-1YYYE    | YYY                               | .125±.010/3.18±0.25 | 30u"/.76u Au OR GXT       |
| 50332-1YYYF    | YYY                               | .145±.010/3.68±0.25 | 30u"/.76u Au OR GXT       |
| 50332-1YYYH    | YYY                               | .180±.010/4.57±0.25 | 30u"/.76u Au OR GXT       |
| 50332-3YYYE    | YYY                               | .125±.010/3.18±0.25 | 50u"/1.25u Au OR GXT      |
| 50332-3YYYF    | YYY                               | .145±.010/3.68±0.25 | 50u"/1.25u Au OR GXT      |
| 50332-3YYYH    | YYY                               | .180±.010/4.57±0.25 | 50u"/1.25u Au OR GXT      |
| 50332-5YYYE    | YYY                               | .125±.010/3.18±0.25 | 30u"/.76u Au OR GXT       |
| 50332-5YYYELF  | YYY                               | .125±.010/3.18±0.25 | 30u"/.76u Au OR GXT       |
| 50332-5YYYF    | YYY                               | .145±.010/3.68±0.25 | 30u"/.76u Au OR GXT       |
| 50332-5YYYFLF  | YYY                               | .145±.010/3.68±0.25 | 30u"/.76u Au OR GXT       |
| 50332-5YYYH    | YYY                               | .180±.010/4.57±0.25 | 30u"/.76u Au OR GXT       |
| 50332-5YYYHLF  | YYY                               | .180±.010/4.57±0.25 | 30u"/.76u Au OR GXT       |

|             |                |    |      |                                       |          |                                  |  |                                                                                       |  |                              |  |                          |
|-------------|----------------|----|------|---------------------------------------|----------|----------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------------|--|--------------------------|
| mat'l. code |                |    |      | surface<br>ISO 1502                   |          | tolerance<br>ISO 406<br>ISO 1101 |  | projection                                                                            |  | product family               |  |                          |
| -           |                |    |      | ✓                                     |          |                                  |  |  |  | HPC                          |  |                          |
| ltr         | ecp no         | dr | date | tolerances unless otherwise specified |          |                                  |  |                                                                                       |  |                              |  |                          |
| N           |                |    |      | angles                                | linear   | .XX±.01/XX±0.3                   |  | INCH/MM                                                                               |  | title                        |  |                          |
|             |                |    |      |                                       |          | .XXX±.005/XX±0.13                |  |                                                                                       |  | 3 ROW VERTICAL RECEPTACLE    |  |                          |
|             |                |    |      | 0°±2'                                 |          | .XXX±.0020/XXX±0.051             |  | scale 1:1                                                                             |  | SOLDER TO BOARD, 0 GUIDE PIN |  |                          |
|             |                |    |      | dr                                    | S. ROYER | 8/08/91                          |  |  |  | dwg no                       |  |                          |
|             |                |    |      | engr                                  | S. CLARK | 8/14/91                          |  |                                                                                       |  | sheet 3 of 3                 |  | size                     |
|             |                |    |      | chr                                   | S. CLARK | 8/14/91                          |  |                                                                                       |  | 50332                        |  | A3                       |
|             |                |    |      | appd                                  | S. CLARK | 8/14/91                          |  |                                                                                       |  | type                         |  | Product Customer Drawing |
| sheet index | revision sheet |    |      |                                       |          |                                  |  |                                                                                       |  |                              |  |                          |