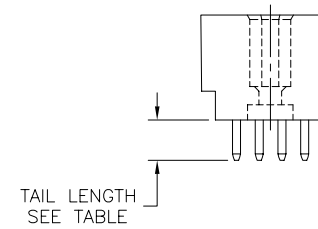
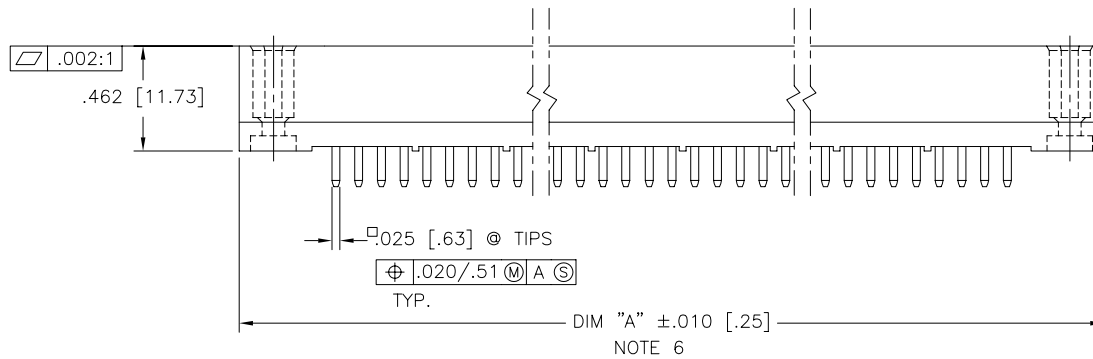
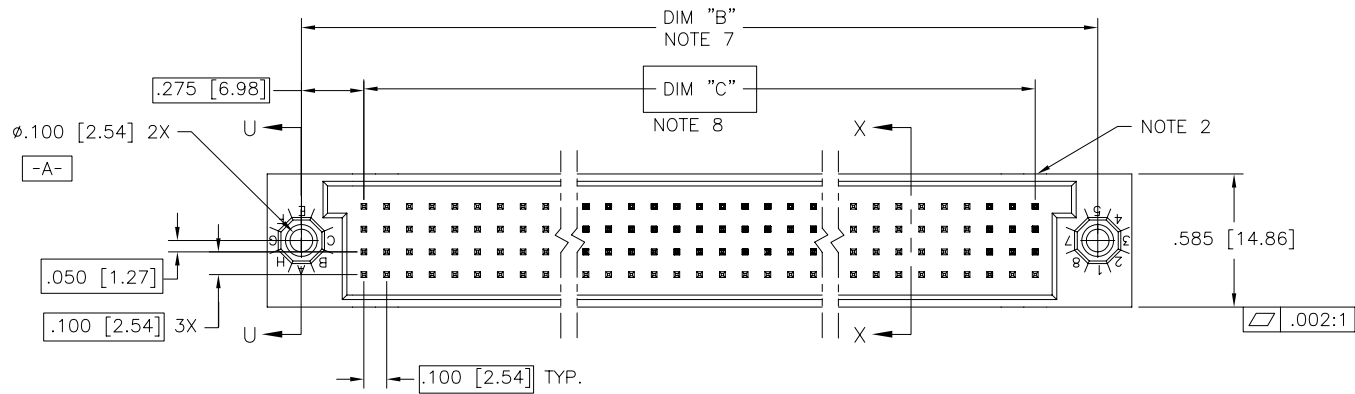




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PRODUCT NUMBER  
SEE TABLE



|                       |          |     |    |                       |                                       |                                  |               |                                                                                                     |                                                                                       |                            |       |              |          |         |
|-----------------------|----------|-----|----|-----------------------|---------------------------------------|----------------------------------|---------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------|-------|--------------|----------|---------|
| mat'l. code<br>NOTE 4 |          |     |    | surface<br>ISO 1302 ✓ |                                       | tolerance<br>ISO 406<br>ISO 1101 |               | projection<br> |                                                                                       | product family<br>HPC      |       |              |          |         |
| ltr                   | ecr      | no  | dr | date                  | tolerances unless otherwise specified |                                  |               |                                                                                                     |                                                                                       |                            | title |              |          |         |
| K                     | V40941   | PDP |    | 6/1/94                | angles                                | linear                           | .XX±.01/.3    |                                                                                                     | INCH/MM                                                                               | 4 ROW VERTICAL HEADER      |       |              |          |         |
| L                     | V90018   | HTB |    | 1/8/99                |                                       |                                  | .XXX±.005/.13 |                                                                                                     |                                                                                       | W/SOLDER TAIL PINS, 0 G.P. |       |              |          |         |
| M                     | V00272   | JWS |    | 2/1/00                |                                       |                                  | 0'±2'         | .XXXX±.0020/.051                                                                                    |                                                                                       | scale 1:1                  |       |              |          |         |
| N                     | V05-0475 | DAI |    | 7/20/05               | dr                                    | D.INGRAM                         | 7/20/05       |                                                                                                     |  | dwg no                     |       | sheet 1 of 4 | size     |         |
| P                     | V05-0723 | HTB |    | 7/20/05               | enrg                                  | D.HORCHLER                       | 7/20/05       |                                                                                                     |                                                                                       | 50015                      |       | A3           |          |         |
| R                     | V05-1039 | DAI |    | 11/11/05              | chr                                   | T.BREWBAKER                      | 7/20/05       |                                                                                                     |                                                                                       | type                       |       | Product      | Customer | Drawing |
| S                     | M06-0283 | MHT |    | 7/27/06               | appd                                  | D.HORCHLER                       | 7/20/05       |                                                                                                     |                                                                                       |                            |       |              |          |         |
| sheet                 | revision | S   | S  | S                     | S                                     | S                                |               |                                                                                                     |                                                                                       |                            |       |              |          |         |
| index                 | sheet    | 1   | 2  | 3                     | 4                                     |                                  |               |                                                                                                     |                                                                                       |                            |       |              |          |         |

form: A3

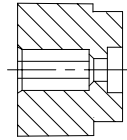


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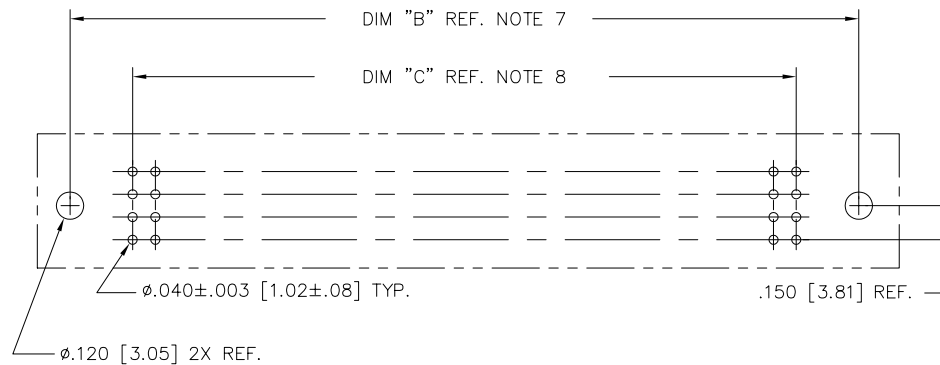
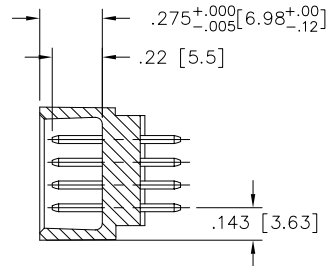
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|                |
|----------------|
| PRODUCT NUMBER |
| SEE TABLE      |

SECTION U-U



SECTION X-X



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

|                       |                |    |    |                                                         |                                       |                          |                            |
|-----------------------|----------------|----|----|---------------------------------------------------------|---------------------------------------|--------------------------|----------------------------|
| mat'l. code<br>NOTE 4 |                |    |    | surface<br>ISO 1302 <input checked="" type="checkbox"/> | tolerance<br>ISO 406<br>ISO 1101      | projection<br>           | product family<br>HPC      |
| ltr                   | ecr            | no | dr | date                                                    | tolerances unless otherwise specified | INCH/MM<br>scale 1:1<br> | title                      |
| S                     |                |    |    |                                                         | angles linear .XX $\pm$ .01/.3        |                          | 4 ROW VERTICAL HEADER      |
|                       |                |    |    |                                                         | 0' $\pm$ 2' .XXX $\pm$ .005/.13       |                          | W/SOLDER TAIL PINS, 0 G.P. |
|                       |                |    |    |                                                         | .XXXX $\pm$ .0020/.051                |                          | dwg no                     |
|                       |                |    |    | dr                                                      | D.INGRAM 7/20/05                      |                          | sheet 2 of 4 size          |
|                       |                |    |    | enr                                                     | D.HORCHLER 7/20/05                    |                          | 50015 A3                   |
|                       |                |    |    | chr                                                     | T.BREWBAKER 7/20/05                   |                          | type                       |
|                       |                |    |    | app                                                     | D.HORCHLER 7/20/05                    |                          | Product Customer Drawing   |
| sheet index           | revision sheet |    |    |                                                         |                                       |                          |                            |

form: A3

|   |   |   |    |    |    |    |    |    |  |
|---|---|---|----|----|----|----|----|----|--|
|   | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 32 |  |
| D |   |   |    |    |    |    |    |    |  |
| C |   |   |    |    |    |    |    |    |  |
| B | B | B |    |    |    |    |    |    |  |
| A | B |   |    |    |    |    |    |    |  |

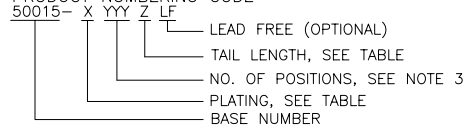
| ITEM KEY | QTY. | MATING LENGTH |
|----------|------|---------------|
| A        | 113  | .180/4.57     |
| B        | 11   | .260/6.60     |
| C        | 4    | .220/5.59     |

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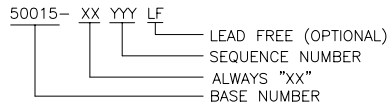
| PRODUCT NUMBER | NUMBER OF POSITIONS<br>NOTE 3 | TAIL LENGTH<br>±.015/0.38 | CONTACT PLATING |
|----------------|-------------------------------|---------------------------|-----------------|
| 50015-1YYYA    | YYY                           | .177/4.50                 | 30u"/.76u Au    |
| 50015-1YYYC    | YYY                           | .533/13.54                | 30u"/.76u Au    |
| 50015-1YYYD    | YYY                           | .733/18.62                | 30u"/.76u Au    |
| 50015-1YYYG    | YYY                           | .250/6.35                 | 30u"/.76u Au    |
| 50015-1YYYJ    | YYY                           | .120/3.05                 | 30u"/.76u Au    |
| 50015-3YYYA    | YYY                           | .177/4.50                 | 50u"/1.27u Au   |
| 50015-3YYYC    | YYY                           | .533/13.54                | 50u"/1.27u Au   |
| 50015-3YYYD    | YYY                           | .733/18.62                | 50u"/1.27u Au   |
| 50015-3YYYG    | YYY                           | .250/6.35                 | 50u"/1.27u Au   |
| 50015-3YYYJ    | YYY                           | .120/3.05                 | 50u"/1.27u Au   |
| 50015-5YYYA    | YYY                           | .177/4.50                 | 30u"/.76u GXT   |
| 50015-5YYYALF  | YYY                           | .177/4.50                 | 30u"/.76u GXT   |
| 50015-5YYYC    | YYY                           | .533/13.54                | 30u"/.76u GXT   |
| 50015-5YYYCLF  | YYY                           | .533/13.54                | 30u"/.76u GXT   |
| 50015-5YYYD    | YYY                           | .733/18.62                | 30u"/.76u GXT   |
| 50015-5YYYDLF  | YYY                           | .733/18.62                | 30u"/.76u GXT   |
| 50015-5YYYG    | YYY                           | .250/6.35                 | 30u"/.76u GXT   |
| 50015-5YYYGLF  | YYY                           | .250/6.35                 | 30u"/.76u GXT   |
| 50015-5YYYJ    | YYY                           | .120/3.05                 | 30u"/.76u GXT   |
| 50015-5YYYJLF  | YYY                           | .120/3.05                 | 30u"/.76u GXT   |
| 50015-XX022    | 128                           | .250/6.35                 | 30u"/.76u Au    |
| 50015-XX022LF  | 128                           | .250/6.35                 | 30u"/.76u GXT   |

# NOTES:

## 1. PRODUCT NUMBERING CODE



## PRODUCT NUMBERING CODE FOR SELECT LOAD



- MANUFACTURE'S LOGO, PN, AND LOT CODE TO APPEAR ON THIS SURFACE.
- THIS PRODUCT IS CONFIGURED IN SIZES OF 6 THRU 80 COLUMNS IN INCREMENTS OF ONE, i.e. 6, 7, 8, 9, .....79, 80.
- MATERIAL:  
HOUSING - GLASS AND MINERAL FILLED HIGH TEMPERTURE THERMOPLASTIC, FLAME RETARDANT PER UL94V-0. COLOR-BLACK  
CONTACT - PHOS BRONZE
- PLATING:  
CONTACT AREA - SEE PRODUCT NUMBER TABLE  
TAILS-EITHER TIN OR TIN LEAD, SEE PRODUCT NUMBER TABLE
- DIMENSION "A" CALCULATION = .100 (2.54) X NO. OF COLUMNS + .75 (19.1)
- DIMENSION "B" CALCULATION = .100 (2.54) X NO. OF COLUMNS + .450(11.43)
- DIMENSION "C" CALCULATION = .100 (2.54) X NO. OF COLUMNS - .100(2.54)
- ALL POSITIONS ARE LOADED EXCEPT FOR -XXYYY ASSEMBLIES WHICH HAVE SELECTIVE LOADING.
- THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

|                       |                |    |    |                       |                                                              |                       |                                                     |
|-----------------------|----------------|----|----|-----------------------|--------------------------------------------------------------|-----------------------|-----------------------------------------------------|
| mat'l. code<br>NOTE 4 |                |    |    | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101                             | projection<br>INCH/MM | product family<br>HPC                               |
| ltr                   | ecr            | no | dr | date                  | tolerances unless otherwise specified                        |                       | title                                               |
| S                     |                |    |    |                       | angles linear .XX±.01/.3<br>.XXX±.005/.13<br>.XXXX±.0020/.05 | INCH/MM               | 4 ROW VERTICAL HEADER<br>W/SOLDER TAIL PINS, 0 G.P. |
|                       |                |    |    |                       | 0'±2'                                                        | scale 1:1             | dwg no sheet 4 of 4 size                            |
|                       |                |    |    | dr                    | D.INGRAM 7/20/05                                             | FCI                   | A3                                                  |
|                       |                |    |    | enr                   | D.HORCHLER 7/20/05                                           |                       |                                                     |
|                       |                |    |    | chr                   | T.BREWBAKER 7/20/05                                          |                       |                                                     |
|                       |                |    |    | appd                  | D.HORCHLER 7/20/05                                           |                       |                                                     |
| sheet index           | revision sheet |    |    |                       |                                                              |                       | type Product Customer Drawing                       |

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