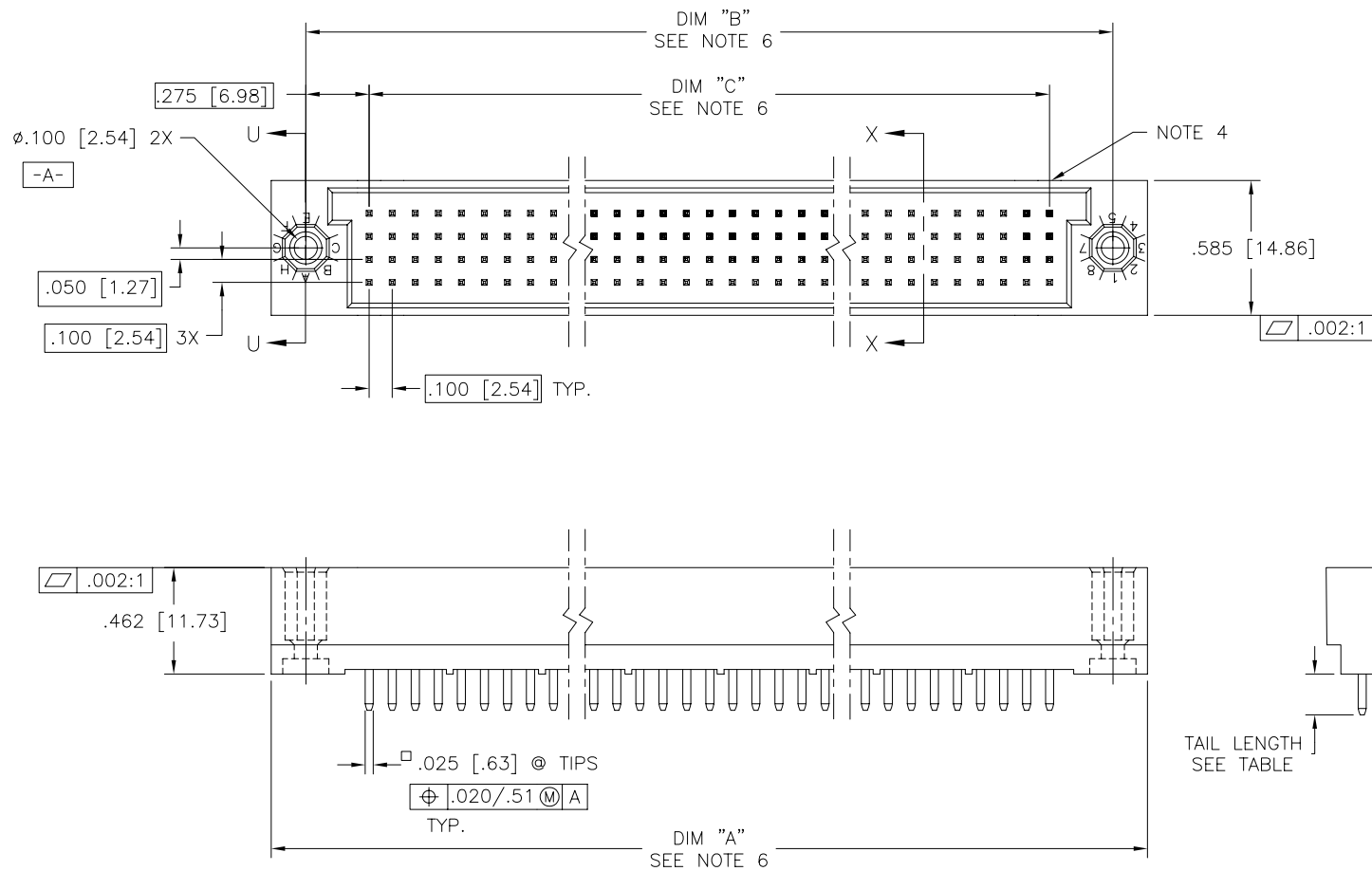




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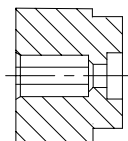
PRODUCT NUMBER  
SEE TABLE



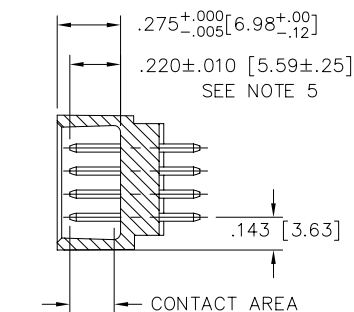
|             |          |          |    |            |                                       |                     |                               |            |                                                     |       |
|-------------|----------|----------|----|------------|---------------------------------------|---------------------|-------------------------------|------------|-----------------------------------------------------|-------|
| mat'l. code |          |          |    | surface    |                                       | tolerance           |                               | projection | product family                                      |       |
| NOTE 3      |          |          |    | ISO 1302 ✓ |                                       | ISO 406<br>ISO 1101 |                               |            | HPC                                                 |       |
| ltr         | ecr      | no       | dr | date       | tolerances unless otherwise specified |                     |                               |            | INCH/MM                                             | title |
| C           | V41072   | GAH      |    | 7/5/94     | angles                                | linear              | .XX±.01/.3                    |            |                                                     |       |
| D           | V50207   | LSS      |    | 2/17/95    |                                       |                     | .XXX±.005/.13                 |            |                                                     |       |
| E           | V91236   | HTB      |    | 5/14/99    |                                       |                     | .XXX±.0020/.05                |            |                                                     |       |
|             |          |          |    |            | 0'±2'                                 |                     | scale 1:1                     |            | 4 ROW VERTICAL HEADER<br>DUPLEX S.T.B. PINS, 0 G.P. |       |
| F           | V00277   | JWS      |    | 2/3/00     | dr                                    | P.PARSONS           | 4/5/94                        |            |                                                     |       |
| G           | V05-0762 | DAI      |    | 1018/05    | enr                                   | J.AFTON             | 3/31/94                       |            |                                                     |       |
| H           | M06-0283 | MHT      |    | 7/27/06    | chr                                   | G.PETERS            | 4/13/94                       |            |                                                     |       |
|             |          |          |    |            | appd                                  | S.CLARK             | 4/14/94                       |            | dwg no<br>sheet 1 of 3<br>size<br>50776<br>A3       |       |
| sheet       |          | revision |    | H          | H                                     | H                   | type Product Customer Drawing |            |                                                     |       |
| index       | sheet    |          |    | 1          | 2                                     | 3                   |                               |            |                                                     |       |

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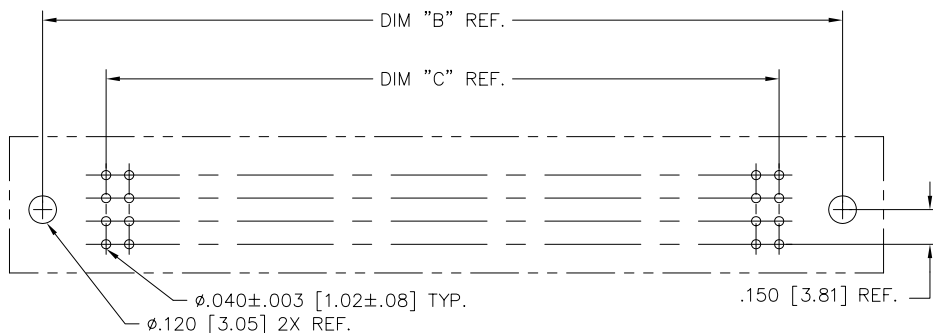
PRODUCT NUMBER  
SEE TABLE



SECTION U-U



SECTION X-X



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

NOTES:

- ① PRODUCT NUMBERING CODE:  
50776 - 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/SPECIAL PART NUMBERS:

- 50776 - XXYYY LF  
LEAD FREE (OPTIONAL)  
SEQUENCE NUMBER  
ALWAYS 'XX'  
BASE NUMBER

- ② THIS PRODUCT IS CONFIGURED IN SIZES OF 6 thru 80 COLUMNS IN INCREMENTS OF ONE.  
i.e.: 6,7,8,9,.....78,79,80.
- ③ HOUSING MATERIAL: GLASS AND MINERAL FILLED HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER UL94V-0. COLOR: BLACK.  
PIN MATERIAL: PHOS BRONZE
- ④ MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- ⑤ REFERENCE DRAWING 50810 FOR F.M.L.B. AVAILABLE OPTIONS AND WORKSHEET.
- ⑥ LENGTH FORMULAS  
DIM "A" = .100/2.54 x NO. OF COLUMNS +.750/19.05  
DIM "B" = .100/2.54 x NO. OF COLUMNS +.450/11.43  
DIM "C" = .100/2.54 x NO. OF COLUMNS -.100/2.54
7. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
8. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE OVEN.

|                       |                |    |      |                       |                                       |                        |                               |
|-----------------------|----------------|----|------|-----------------------|---------------------------------------|------------------------|-------------------------------|
| mat'l. code<br>NOTE 3 |                |    |      | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101      | projection<br>ISO 1101 | product family<br>HPC         |
| ltr                   | ecr            | no | dr   | date                  | tolerances unless otherwise specified | INCH/MM                | title                         |
| H                     |                |    |      |                       | angles linear .XX±.01/.3              | scale 1:1              | 4 ROW VERTICAL HEADER         |
|                       |                |    |      |                       | 0'±2' .XXX±.005/.13                   |                        | DUPLEX S.T.B. PINS, 0 G.P.    |
|                       |                |    |      |                       | .XXXX±.0020/.05                       |                        | dwg no sheet 2 of 3 size      |
|                       |                |    | dr   | P.PARSONS             | 4/5/94                                | FCI                    | 50776 A3                      |
|                       |                |    | enr  | J.AFTON               | 3/31/94                               |                        |                               |
|                       |                |    | chr  | G.PETERS              | 4/13/94                               |                        |                               |
|                       |                |    | appd | S.CLARK               | 4/14/94                               |                        |                               |
| sheet index           | revision sheet |    |      |                       |                                       |                        | type Product Customer Drawing |

| PRODUCT NUMBER | NUMBER OF POSITIONS<br>SEE NOTE 2 | TAIL LENGTH<br>REF | SOLDER TAIL<br>PLATING | CONTACT PLATING |
|----------------|-----------------------------------|--------------------|------------------------|-----------------|
| 50776 -AYYYA   | YYY                               | .177/4.50          | TIN-LEAD               | 30u"/.76u Au    |
| 50776 -AYYYJ   | YYY                               | .120/3.05          | TIN-LEAD               | 30u"/.76u Au    |
| 50776 -BYYYA   | YYY                               | .177/4.50          | TIN-LEAD               | 30u"/.76u GXT   |
| 50776 -BYYALF  | YYY                               | .177/4.50          | TIN                    | 30u"/.76u GXT   |
| 50776 -BYYYJ   | YYY                               | .120/3.05          | TIN-LEAD               | 30u"/.76u GXT   |
| 50776 -BYYJLF  | YYY                               | .120/3.05          | TIN                    | 30u"/.76u GXT   |

|                       |                |    |      |                                                         |                                       |                                                                                                               |                               |
|-----------------------|----------------|----|------|---------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------|
| mat'l. code<br>NOTE 3 |                |    |      | surface<br>ISO 1302 <input checked="" type="checkbox"/> | tolerance<br>ISO 406<br>ISO 1101      | projection<br>           | product family<br>HPC         |
| ltr                   | ecn            | no | dr   | date                                                    | tolerances unless otherwise specified | INCH/MM<br>scale 1:1<br> | title                         |
| H                     |                |    |      |                                                         | angles linear .XX±.01/.3              |                                                                                                               | 4 ROW VERTICAL HEADER         |
|                       |                |    |      |                                                         | 0'±2' .XXX±.005/.13                   |                                                                                                               | DUPLEX S.T.B. PINS, 0 G.P.    |
|                       |                |    |      |                                                         | .XXX±.0020/.051                       |                                                                                                               |                               |
|                       |                |    | dr   | P.PARSONS                                               | 4/5/94                                |                                                                                                               | dwg no                        |
|                       |                |    | enr  | J.AFTON                                                 | 3/31/94                               |                                                                                                               | sheet 3 of 3 size             |
|                       |                |    | chr  | G.PETERS                                                | 4/13/94                               |                                                                                                               | 50776 A3                      |
|                       |                |    | appd | S.CLARK                                                 | 4/14/94                               |                                                                                                               | type Product Customer Drawing |
| sheet index           | revision sheet |    |      |                                                         |                                       |                                                                                                               |                               |

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