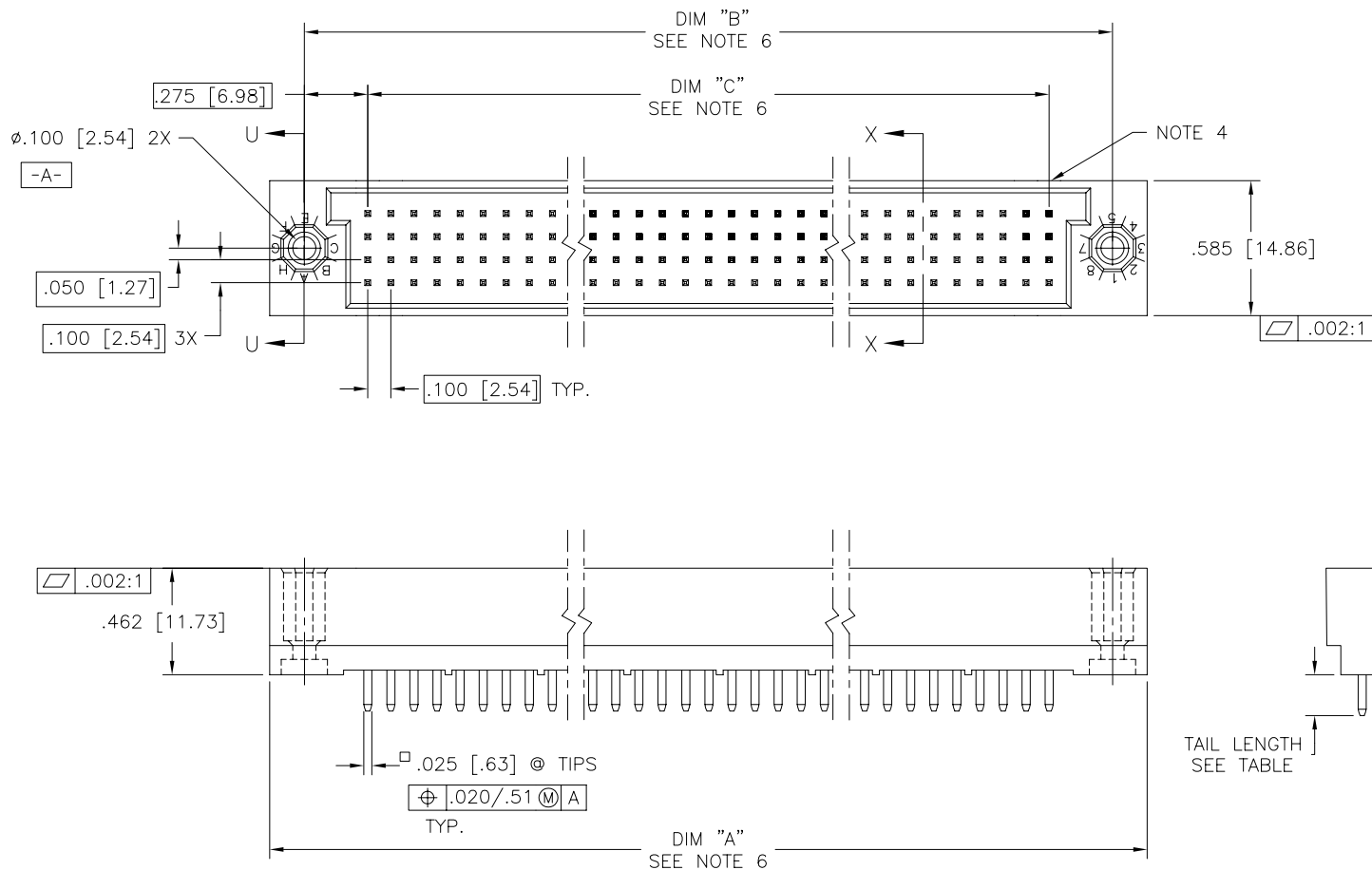
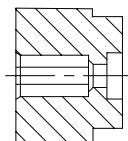


PRODUCT NUMBER  
SEE TABLE

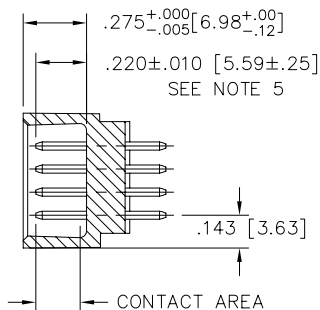


|                       |          |     |         |                       |                                       |                       |                            |
|-----------------------|----------|-----|---------|-----------------------|---------------------------------------|-----------------------|----------------------------|
| mat'l. code<br>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                      |
| C                     | V41072   | GAH |         | 7/5/94                | angles                                | .XX±.01/.3            | 4 ROW VERTICAL HEADER      |
| D                     | V50207   | LSS |         | 2/17/95               | linear                                | .XXX±.005/.13         | DUPLEX S.T.B. PINS, 0 G.P. |
| E                     | V91236   | HTB |         | 5/14/99               | 0'±2'                                 | .XXXX±.0020/.05       |                            |
| F                     | V00277   | JWS | 2/3/00  | dr                    | P.PARSONS                             | 4/5/94                | dwg no                     |
| G                     | V05-0762 | DAI | 1018/05 | enr                   | J.AFTON                               | 3/31/94               | sheet 1 of 3 size          |
| H                     | M06-0283 | MHT | 7/27/06 | chr                   | G.PETERS                              | 4/13/94               | A3                         |
|                       |          |     |         | appd                  | S.CLARK                               | 4/14/94               | type                       |
| sheet                 | revision | H   | H       | H                     |                                       |                       | Product Customer Drawing   |
| index                 | sheet    | 1   | 2       | 3                     |                                       |                       |                            |

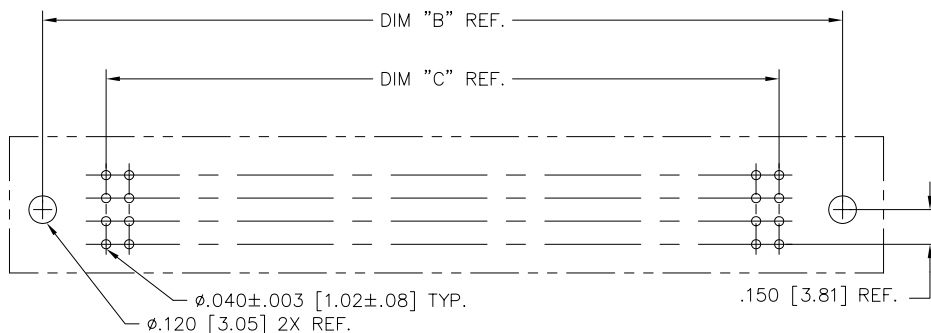
PRODUCT NUMBER  
SEE TABLE



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                        |
|                       |          |    | dr   | P.PARSONS             | 4/5/94                                |                        | sheet 2 of 3 size             |
|                       |          |    | enr  | J.AFTON               | 3/31/94                               |                        | 50776 A3                      |
|                       |          |    | chr  | G.PETERS              | 4/13/94                               |                        |                               |
|                       |          |    | appd | S.CLARK               | 4/14/94                               |                        |                               |
| sheet                 | revision |    |      |                       |                                       |                        | type Product Customer Drawing |
| index                 | sheet    |    |      |                       |                                       |                        |                               |

| 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.    |
|                       |                   |    |    |                                                         | dr P.PARSONS 4/5/94                   |                                                                                                               | dwg no sheet 3 of 3 size      |
|                       |                   |    |    |                                                         | enr J.AFTON 3/31/94                   |                                                                                                               | 50776 A3                      |
|                       |                   |    |    |                                                         | chr G.PETERS 4/13/94                  |                                                                                                               | type Product Customer Drawing |
|                       |                   |    |    |                                                         | appd S.CLARK 4/14/94                  |                                                                                                               |                               |
| sheet<br>index        | revision<br>sheet |    |    |                                                         |                                       |                                                                                                               |                               |

form: A3