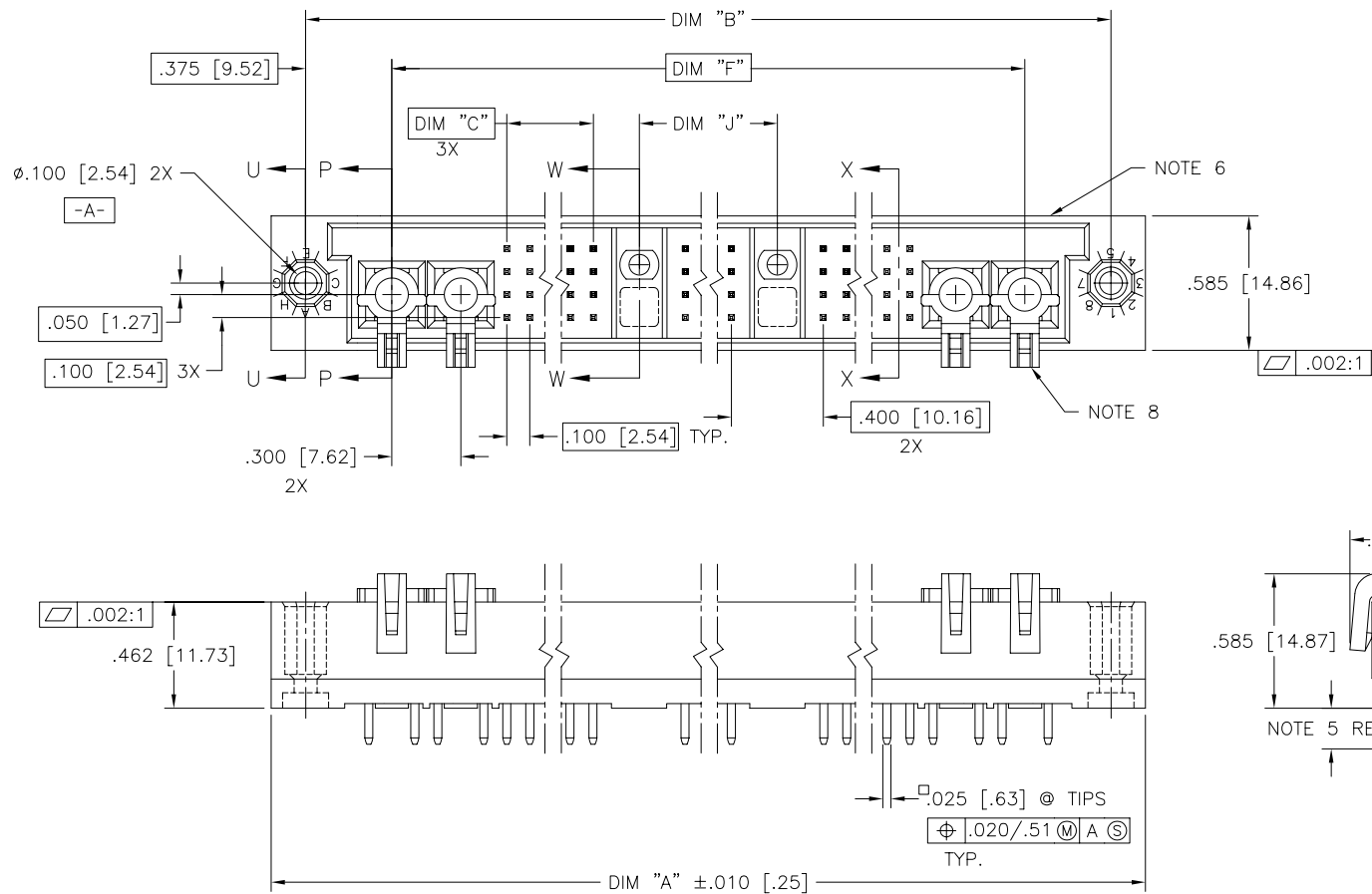




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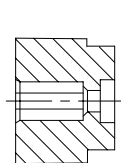
Copyright FCI

PRODUCT NUMBER  
SEE NOTE 1

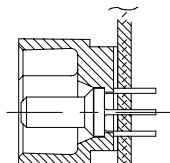
|                       |          |     |         |                       |                                       |                       |                               |
|-----------------------|----------|-----|---------|-----------------------|---------------------------------------|-----------------------|-------------------------------|
| 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 | scale 1:1<br>FCI      | title                         |
| A                     | V22185   | RDS |         | 5/11/92               | angles linear .XX±.01/.3              |                       | 4 ROW VERTICAL HEADER         |
| B                     | V40264   | PDP |         | 1/14/94               | .XXX±.005/.13                         |                       | SOLDER TAIL, 2 G.P., 4 P.P.   |
| C                     | V41237   | GAH |         | 8/17/94               | .XXXX±.0020/.05                       |                       | dwg no                        |
| D                     | V91071   | HTB | dr      | 5/17/99               | D.SHEAFFER 5/1/94                     |                       | sheet 1 of 2 size             |
| E                     | V00274   | JWS | 2/2/00  | enr                   | S.CLARK 5/11/94                       |                       | 50545 A3                      |
| F                     | M06-0260 | MHT | 7/07/06 | chr                   | S.CLARK 5/11/94                       |                       | type Product Customer Drawing |
|                       |          |     | appd    |                       | S.CLARK 5/11/94                       |                       |                               |
| sheet index           | revision | F   | F       |                       |                                       |                       |                               |
|                       | sheet    | 1   | 2       |                       |                                       |                       |                               |

form: A3

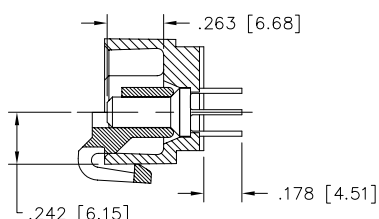
| PRODUCT NUMBER | DIM.    | LENGTH FORMULAS                                    |
|----------------|---------|----------------------------------------------------|
| SEE NOTE 1     | DIM "A" | .100/2.54 x NO. OF COLUMNS +2.55/64.8              |
|                | DIM "B" | .100/2.54 x NO. OF COLUMNS +2.250/57.15            |
|                | DIM "C" | .100/2.54 x NO. OF COLUMNS DIVIDED BY 3 -.100/2.54 |
|                | DIM "F" | .100/2.54 x NO. OF COLUMNS +1.500/38.10            |
|                | DIM "J" | .100/2.54 x NO. OF COLUMNS DIVIDED BY 3 +.300/7.62 |



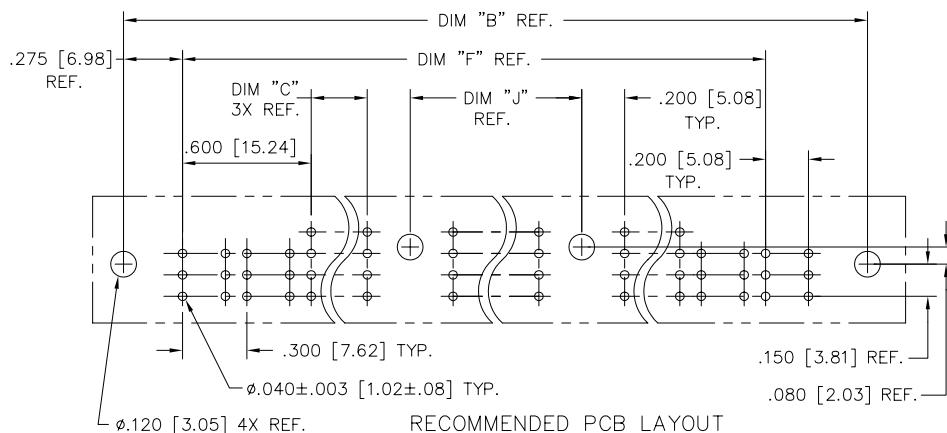
SECTION U-U



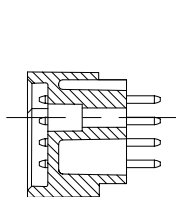
DETAIL P  
(INSTALLED IN  
PCB, NOTE 8)



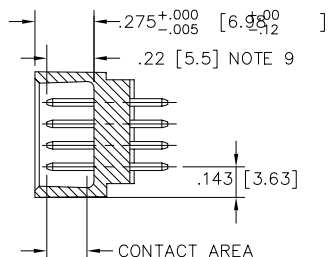
SECTION P-P  
(W/LOCATOR,  
SEE DETAIL P)



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



SECTION W-W



SECTION X-X

NOTES:

- PRODUCT NUMBERING CODE:  
50545 - X YYY Z  
TAIL LENGTH (NOTE 5)  
NO. OF POSITIONS (NOTE 2)  
PLATING (NOTE 4)  
BASE NUMBER

PRODUCT NUMBERING CODE FOR  
SELECT LOAD PART NUMBERS:  
50545 - XXYYY  
SEQUENCE NUMBER  
ALWAYS 'XX'  
BASE NUMBER

- THIS PRODUCT IS CONFIGURED IN SIZES OF 30 thru 138 COLUMNS IN INCREMENTS OF THREE.  
i.e.: 30,33,36,39,.....135,138.
- HOUSING MATERIAL: GLASS AND MINERAL FILLED HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER UL94V-0. COLOR: BLACK.  
PIN MATERIAL: PHOS BRONZE
- PLATING CONTACT AREA OPTIONS:  
A = 50u" Ni UNDER ALL WITH 30u" Au ON CONTACT AREA, SnPb ON PCB INTERFACE AND Au FLASH ON ALL OTHER AREAS.
- TAIL LENGTH OPTIONS:(±.015/.38)  
A = .177/4.5  
J = .120/3.05
- MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- FOR DOCUMENTATION MENU, SEE BUS-01-057.
- POWER PIN LOCATOR (REF. 50234) TO BE REMOVED AFTER SOLDERING.
- REFERENCE 50803 FOR F.M.L.B. OPTIONS AND WORKSHEET.

|             |          |    |    |          |                                       |            |                             |
|-------------|----------|----|----|----------|---------------------------------------|------------|-----------------------------|
| mat'l. code |          |    |    | surface  | tolerance                             | projection | product family              |
|             |          |    |    | ISO 1302 | ISO 406                               |            | HPC                         |
|             |          |    |    | ISO 1101 | ISO 1101                              |            |                             |
| ltr         | ecr      | no | dr | date     | tolerances unless otherwise specified |            | title                       |
| F           |          |    |    |          | angles                                | linear     | 4 ROW VERTICAL HEADER       |
|             |          |    |    |          | 0°±2'                                 | linear     | SOLDER TAIL, 2 G.P., 4 P.P. |
|             |          |    |    |          |                                       | linear     | dwg no                      |
|             |          |    |    |          |                                       | linear     | sheet 2 of 2 size           |
|             |          |    |    |          |                                       | linear     | 50545 A3                    |
|             |          |    |    |          |                                       | linear     | type                        |
|             |          |    |    |          |                                       | linear     | Product Customer Drawing    |
| sheet       | revision |    |    |          |                                       |            |                             |
| index       | sheet    |    |    |          |                                       |            |                             |