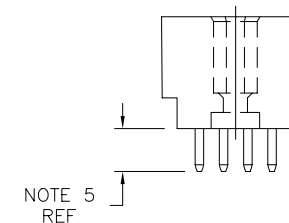
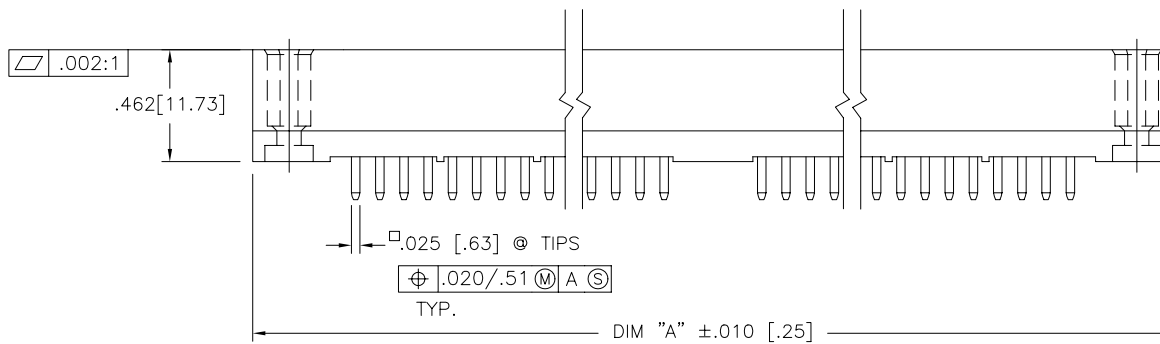
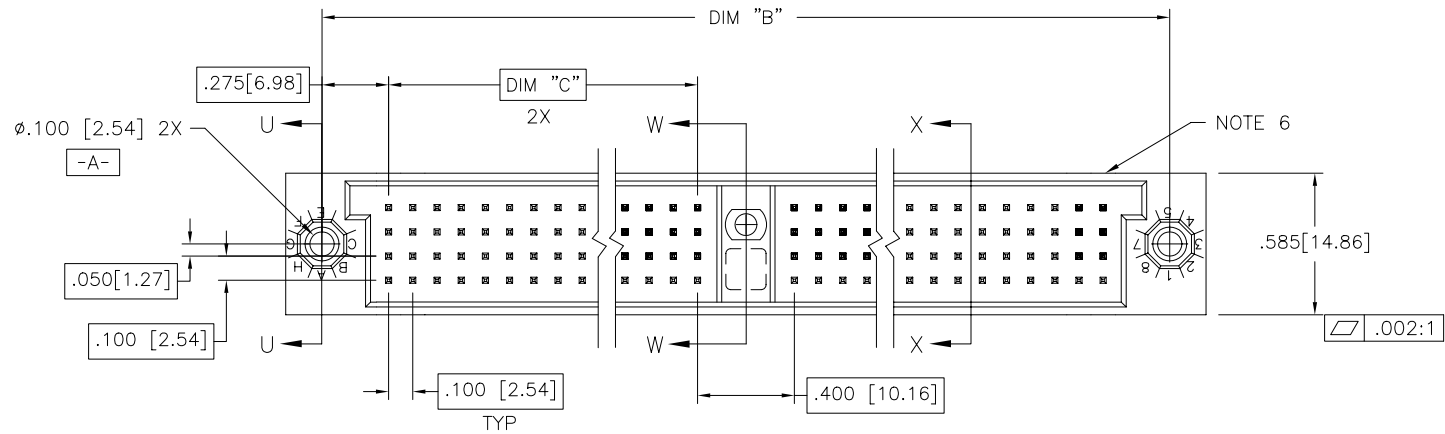




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PRODUCT NUMBER  
SEE NOTE 1



|                       |          |     |         |                       |                                       |                       |                                |
|-----------------------|----------|-----|---------|-----------------------|---------------------------------------|-----------------------|--------------------------------|
| 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 |                       | title                          |
| G                     | V23425   | JM  |         | 10/27/92              | angles                                | .XX ±.01/.3           | 4 ROW VERTICAL HEADER          |
| H                     | V40287   | PDP |         | 1/20/94               | linear                                | .XXX ±.005/.13        | W/SOLDER TAIL FIT PINS, 1 G.P. |
| J                     | V40941   | PDP |         | 6/01/94               | σ±2'                                  | .XXXX ±.0020/.051     | dwg no                         |
| K                     | C80018   | EPK | 3/31/98 | dr                    | D. SHEAFFER                           | 3/14/91               | sheet 1 of 2 size              |
| L                     | V90018   | HTB | 1/08/99 | enfr                  | S. CLARK                              | 3/14/91               | 50016 A3                       |
| M                     | V00272   | JWS | 2/01/00 | chr                   | S. CLARK                              | 3/14/91               | type                           |
| N                     | M06-0261 | AEA | 7/08/06 | appd                  | S. CLARK                              | 3/14/91               | Product Customer Drawing       |
| sheet                 | revision | N   | N       |                       |                                       |                       |                                |
| index                 | sheet    | 1   | 2       |                       |                                       |                       |                                |

form: A3

PDM: Rev:N

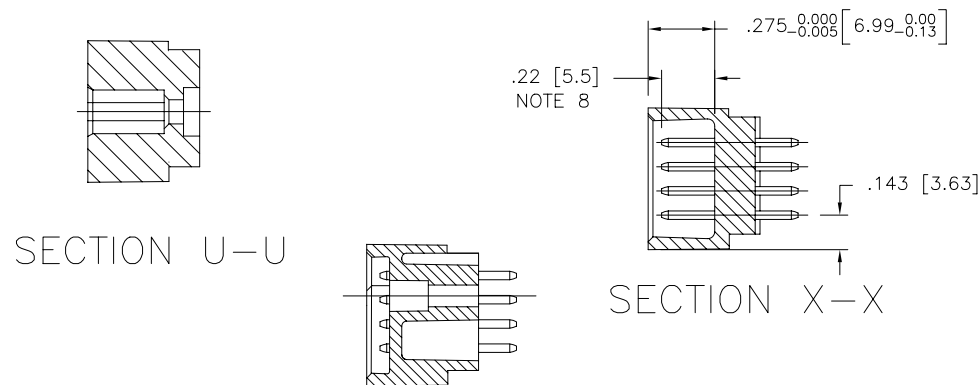
STATUS: Released

Printed: May 13, 2011

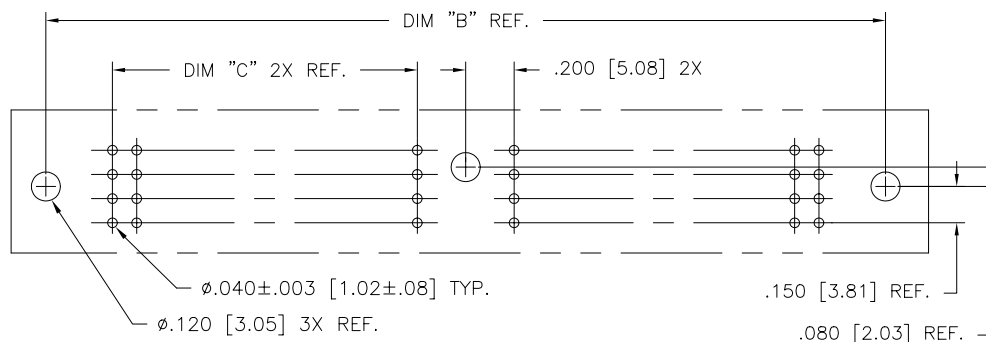
| PRODUCT NUMBER | DIM     | LENGTH FORMULAS                                    |
|----------------|---------|----------------------------------------------------|
| SEE NOTE 1     | DIM "A" | .100/2.54 x NO. OF COLUMNS + 1.05/26.7             |
|                | DIM "B" | .100/2.54 x NO. OF COLUMNS + .750/19.05            |
|                | DIM "C" | .100/2.54 x NO. OF COLUMNS DIVIDED BY 2 -.100/2.54 |

# NOTES:

- PRODUCT NUMBERING CODE:  
50016 - X YYY Z  
TAIL LENGTH (NOTE 5)  
NO. OF POSITIONS (NOTE 2)  
PLATING (NOTE 4)  
BASE NUMBER
- PRODUCT NUMBERING CODE FOR  
SELECT LOAD/FMLB PART NUMBERS:  
50016 - XXXXX  
SEQUENCE NUMBER  
ALWAYS 'XX'  
BASE NUMBER
- THIS PRODUCT IS CONFIGURED IN SIZES OF 20  
THRU 150 COLUMNS IN INCREMENTS OF TWO.  
i.e.: 20, 22, 24, 26,.....146, 148, 150.
- HOUSING MATERIAL: GLASS AND MINERAL FILLED  
HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER  
UL94V-0. COLOR: BLACK.  
PIN MATERIAL: PHOS BRONZE
- PLATING CONTACT AREA OPTIONS:  
1 = 30u"/.76u GOLD  
3 = 50u"/1.27u GOLD  
5 = 30u"/.76u GXT
- TAIL LENGTH OPTIONS:(±.015/-.38)  
A = .177/4.5 G = .250/6.35  
C = .533/13.54 J = .120/3.05  
D = .733/18.62
- COMPANY NAME, PART NUMBER AND LOT CODE TO  
APPEAR ON THIS SURFACE PER BUS-12-108.
- FOR DOCUMENTATION MENU, SEE BUS-01-057.
- REFERENCE 50811 FOR F.M.L.B. AVAILABLE  
OPTIONS AND WORKSHEET.



## SECTION W-W



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

|             |          |    |            |                     |                          |                                                         |  |  |
|-------------|----------|----|------------|---------------------|--------------------------|---------------------------------------------------------|--|--|
| mat'l. code |          |    | surface    | tolerance           | projection               | product family                                          |  |  |
| -           |          |    | ISO 1302 ✓ | ISO 406<br>ISO 1101 | <br>INCH/MM<br>scale 1:1 | HPC                                                     |  |  |
| ltr         | ecn      | no | dr         | date                |                          | title                                                   |  |  |
| N           |          |    |            |                     |                          | 4 ROW VERTICAL HEADER<br>W/SOLDER TAIL FIT PINS, 1 G.P. |  |  |
|             |          |    |            |                     |                          | dwg no                                                  |  |  |
|             |          |    |            |                     |                          | 50016                                                   |  |  |
|             |          |    |            |                     |                          | sheet 2 of 2 size                                       |  |  |
|             |          |    |            |                     |                          | A3                                                      |  |  |
|             |          |    |            |                     |                          | type                                                    |  |  |
|             |          |    |            |                     |                          | Product Customer Drawing                                |  |  |
| sheet       | revision |    |            |                     |                          |                                                         |  |  |
| index       | sheet    |    |            |                     |                          |                                                         |  |  |