

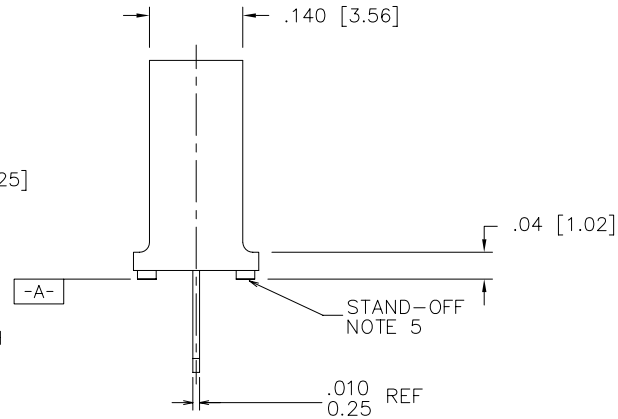
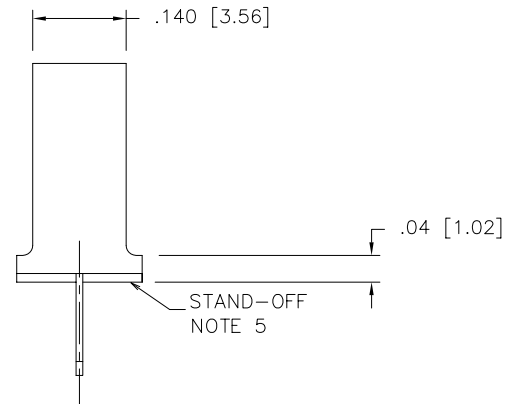
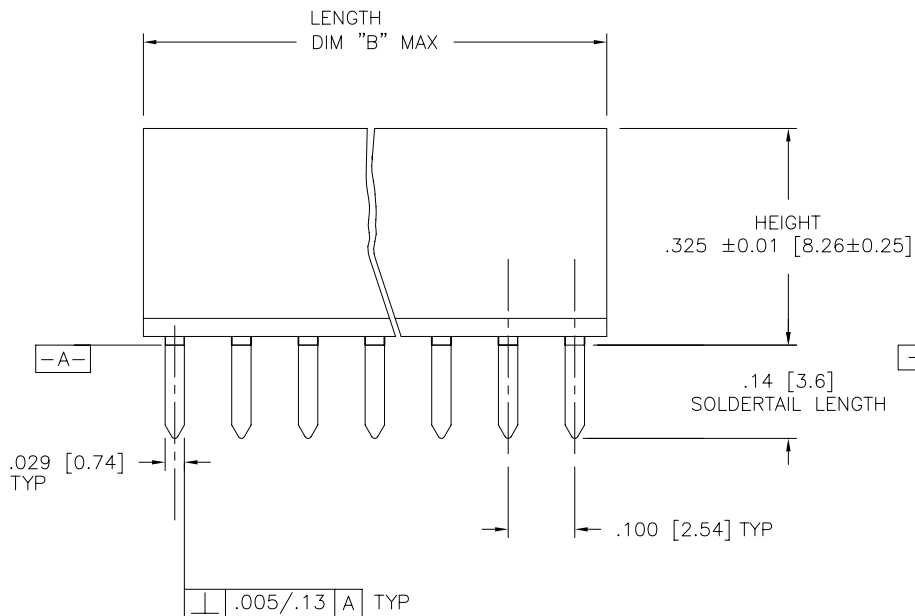
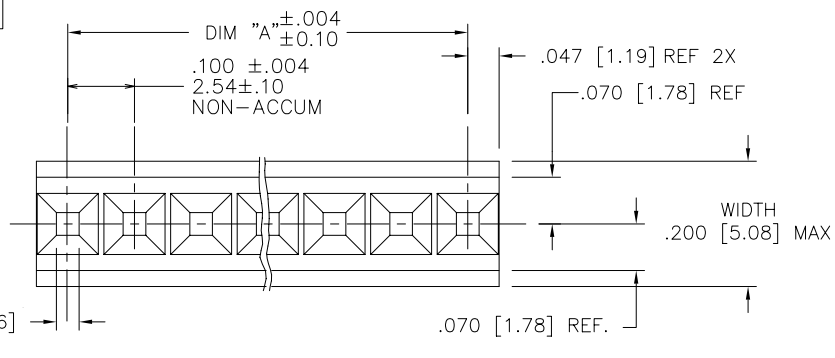


FCIconnect.com

Copyright FCI

PRODUCT NUMBER

66950-XXX



|                            |          |     |          |                                                         |                                         |                          |                               |
|----------------------------|----------|-----|----------|---------------------------------------------------------|-----------------------------------------|--------------------------|-------------------------------|
| mat'l. code<br>NOTES 1 & 2 |          |     |          | surface<br>ISO 1302 <input checked="" type="checkbox"/> | tolerance<br>ISO 406<br>ISO 1101        | projection<br>           | product family<br>CARD CONN   |
| ltr                        | ecn      | no  | dr       | date                                                    | tolerances unless otherwise specified   | INCH/MM<br>scale 1:4<br> | title                         |
| D                          | V11848   | JGS | 7/12/91  |                                                         | angles linear .XX $\pm$ .01/.X $\pm$ .3 |                          | VERTICAL CARD CONN.           |
| E                          | V23245   | MRC | 10/13/92 |                                                         | .XXX $\pm$ 0.005/.XX $\pm$ .13          |                          | .100/2.54 CTR. SINGLE. ROW    |
| F                          | V70788   | LSS | 6/223/97 | 0' $\pm$ 2'                                             | .XXXX $\pm$ 0.020/.XXX $\pm$ 0.051      |                          | dwg no                        |
| G                          | V94468   | MDF | 12/27/99 | dr                                                      | J.SHREINER 7/12/91                      |                          | sheet 1 of 3 size             |
| H                          | M05-0216 | ERE | 10/11/05 | enr                                                     | M.HAHN 7/12/91                          |                          | 66950 A3                      |
| J                          | M06-0210 | MHT | 6/03/06  | chr                                                     | M.HAHN 7/12/91                          |                          | type Product Customer Drawing |
|                            |          |     |          | appd                                                    | M.HAHN 7/12/91                          |                          |                               |
| sheet index                | revision | J   | J        | J                                                       |                                         |                          |                               |
|                            | sheet    | 1   | 2        | 3                                                       |                                         |                          |                               |

form: A3

1

2 3

4

5

6

PRODUCT NUMBER

SEE TABLE

 $\phi .035 \pm .003$  [ $\phi .89 \pm .08$ ] TYP100 [2.54] TYP  
NON-ACCUM.

## NOTES.

- ①. HOUSING MATERIAL: FILLED POLYESTER,  
FLAME RETARDANT PER UL 94V-0.  
COLOR: BLACK.
- ②. TERMINAL MATERIAL:  
BODY: BRASS  
SPRING: BeCu. HEAT TREATED  
BODY PLATING: 15u" [.38u] Au OVER 50u" [1.27]u Ni IN CONTACT AREA  
SPRING PLATING: GOLD FLASH
3. MARKING: FCI PART NUMBER AND DATE CODE LEGIBLE  
ON TUBE LABEL.
4. APPLICATION INFORMATION:  
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIGURE A.  
B. ALL MATING PINS TO BE .025 [.64] SQUARE ON TRUE CENTER OF GIVEN  
TERMINAL SPACINGS, WITHIN .015 [.38] DIAMETER.  
C. SUGGESTED MATING PIN LENGTH, .210  $\pm .020$  [5.33  $\pm .51$ ].
- ⑤ STAND-OFF CONFIGURATION BUMP OR RIB, AT  
MANUFACTURER'S OPTION.
- ⑥ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑦ THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
8. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE  
FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE  
SOLDER PROCESS.

FIGURE "A"  
SCALE 4:1

FCIconnect.com

Copyright FCI

|             |                |      |            |                                                         |                                  |                              |                               |
|-------------|----------------|------|------------|---------------------------------------------------------|----------------------------------|------------------------------|-------------------------------|
| mat'l. code |                |      |            | surface<br>ISO 1302 <input checked="" type="checkbox"/> | tolerance<br>ISO 406<br>ISO 1101 | projection<br>               | product family<br>CARD CONN   |
| ltr         | ecn no         | dr   | date       | tolerances unless otherwise specified                   |                                  | <br>INCH/MM<br>scale 1:4<br> | title                         |
| J           |                |      |            | angles                                                  | linear                           |                              | VERTICAL CARD CONN.           |
|             |                |      |            | 0°±2°                                                   |                                  |                              | .100/2.54 CTR. SINGLE. ROW    |
|             |                |      |            |                                                         |                                  |                              | dwg no                        |
|             |                | dr   | J.SHREINER | 7/12/91                                                 |                                  |                              | sheet 2 of 3 size             |
|             |                | enr  | M.HAHN     | 7/12/91                                                 |                                  |                              | 66950 A3                      |
|             |                | chr  | M.HAHN     | 7/12/91                                                 |                                  |                              |                               |
|             |                | appd | M.HAHN     | 7/12/91                                                 |                                  |                              | type Product Customer Drawing |
| sheet index | revision sheet |      |            |                                                         |                                  |                              |                               |

form: A3

1

2

3

4

5

6



FCIconnect.com

Copyright FCI

| PRODUCT NO. | NO OF POSITIONS     | DIM A       | DIM B       | LEAD FREE OPTION |
|-------------|---------------------|-------------|-------------|------------------|
| 66950-001   | U N A S S I G N E D |             |             |                  |
| -002        | 1 X 2               | .100/2.54   | .200/5.08   | NOTE 6,7         |
| -003        | 1 X 3               | .200/5.08   | .300/7.62   |                  |
| -004        | 1 X 4               | .300/7.62   | .400/10.16  |                  |
| -005        | 1 X 5               | .400/10.16  | .500/12.70  |                  |
| -006        | 1 X 6               | .500/12.70  | .600/15.24  |                  |
| -007        | 1 X 7               | .600/15.24  | .700/17.78  |                  |
| -008        | 1 X 8               | .700/17.78  | .800/20.32  |                  |
| -009        | 1 X 9               | .800/20.32  | .900/22.86  |                  |
| -010        | 1 X 10              | .900/22.86  | 1.000/25.40 |                  |
| -011        | 1 X 11              | 1.000/25.40 | 1.100/27.94 |                  |
| -012        | 1 X 12              | 1.100/27.94 | 1.200/30.48 |                  |
| -013        | 1 X 13              | 1.200/30.48 | 1.300/33.02 |                  |
| -014        | 1 X 14              | 1.300/33.02 | 1.400/35.56 |                  |
| -015        | 1 X 15              | 1.400/35.56 | 1.500/38.10 |                  |
| -016        | 1 X 16              | 1.500/38.10 | 1.600/40.64 |                  |
| -017        | 1 X 17              | 1.600/40.64 | 1.700/43.18 |                  |
| -018        | 1 X 18              | 1.700/43.18 | 1.800/45.72 |                  |
| -019        | 1 X 19              | 1.800/45.72 | 1.900/48.26 |                  |
| -020        | 1 X 20              | 1.900/48.26 | 2.000/50.80 |                  |
| -021        | 1 X 21              | 2.000/50.80 | 2.100/53.34 |                  |
| -022        | 1 X 22              | 2.100/53.34 | 2.200/55.88 |                  |
| -023        | 1 X 23              | 2.200/55.88 | 2.300/58.42 |                  |
| -024        | 1 X 24              | 2.300/58.42 | 2.400/60.96 |                  |
| -025        | 1 X 25              | 2.400/60.96 | 2.500/63.50 |                  |
| -026        | 1 X 26              | 2.500/63.50 | 2.600/66.04 |                  |
| -027        | 1 X 27              | 2.600/66.04 | 2.700/68.58 |                  |
| -028        | 1 X 28              | 2.700/68.58 | 2.800/71.12 |                  |
| -029        | 1 X 29              | 2.800/71.12 | 2.900/73.66 |                  |
| -030        | 1 X 30              | 2.900/73.66 | 3.000/76.20 |                  |
| -031        | 1 X 31              | 3.000/76.20 | 3.100/78.74 |                  |
| -032        | 1 X 32              | 3.100/78.74 | 3.200/81.28 |                  |
| -033        | 1 X 33              | 3.200/81.28 | 3.300/83.82 |                  |
| -034        | 1 X 34              | 3.300/83.82 | 3.400/86.36 |                  |
| -035        | 1 X 35              | 3.400/86.36 | 3.500/88.90 |                  |
| 66950-036   | 1 X 36              | 3.500/88.90 | 3.600/91.44 | NOTE 6,7         |

OBS

|             |     |                |    |      |                                       |            |                                                              |  |                                                                                                     |  |                                                  |  |      |  |  |
|-------------|-----|----------------|----|------|---------------------------------------|------------|--------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|------|--|--|
| mat'l. code |     |                |    |      | surface<br>ISO 1302 ✓                 |            | tolerance<br>ISO 406<br>ISO 1101                             |  | projection<br> |  | product family<br>CARD CONN                      |  |      |  |  |
| ltr         | ecn | no             | dr | date | tolerances unless otherwise specified |            |                                                              |  | title                                                                                               |  | VERTICAL CARD CONN.<br>100/2.54 CTR. SINGLE. ROW |  |      |  |  |
| J           |     |                |    |      | angles                                | linear     | .XX±.01/.X±.3<br>.XXX±0.005/.XX±.13<br>.XXXX±.0020/.XXX±.051 |  | INCH/MM                                                                                             |  |                                                  |  |      |  |  |
|             |     |                |    |      | 0'±2'                                 |            |                                                              |  | scale 1:4                                                                                           |  | dwg no                                           |  |      |  |  |
|             |     |                |    |      | dr                                    | J.SHREINER | 7/12/91                                                      |  |                |  | sheet 3 of 3                                     |  | size |  |  |
|             |     |                |    |      | enr                                   | M.HAHN     | 7/12/91                                                      |  |                                                                                                     |  | 66950                                            |  | A3   |  |  |
|             |     |                |    |      | chr                                   | M.HAHN     | 7/12/91                                                      |  |                                                                                                     |  |                                                  |  |      |  |  |
|             |     |                |    |      | appd                                  | M.HAHN     | 7/12/91                                                      |  |                                                                                                     |  | type Product Customer Drawing                    |  |      |  |  |
| sheet index |     | revision sheet |    |      |                                       |            |                                                              |  |                                                                                                     |  |                                                  |  |      |  |  |