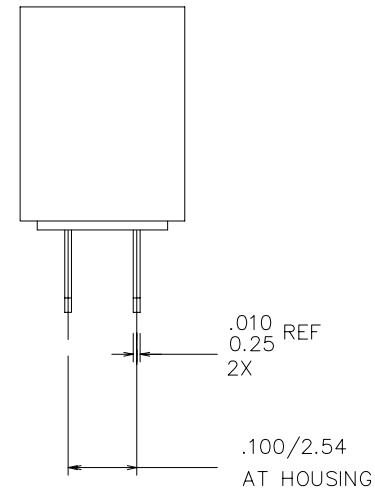
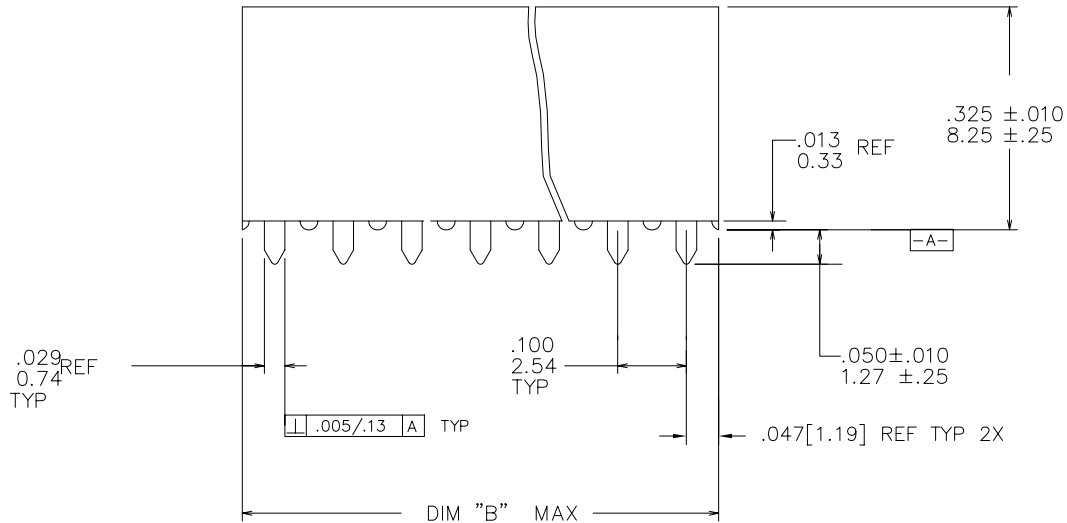
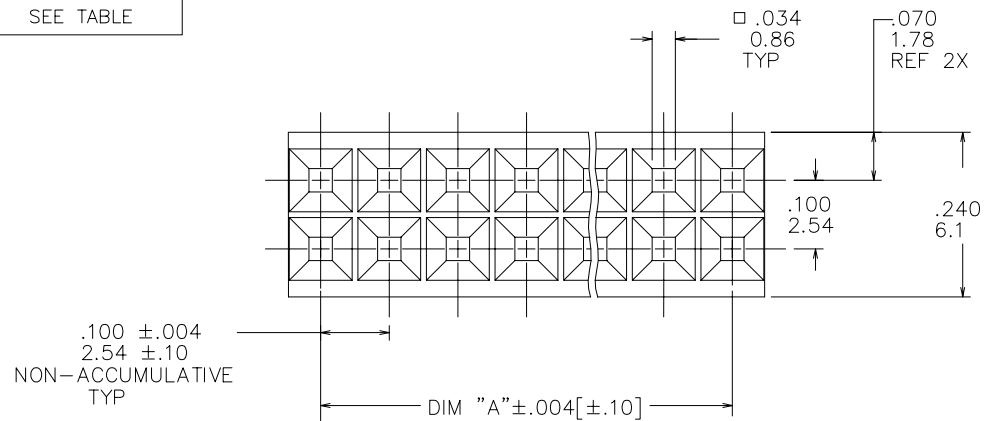




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|             |          |     |          |            |                                       |                       |  |                                                                                       |                                                                                                  |                          |                              |              |      |
|-------------|----------|-----|----------|------------|---------------------------------------|-----------------------|--|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------|------------------------------|--------------|------|
| mat'l. code |          |     |          | surface    |                                       | tolerance             |  | projection                                                                            |                                                                                                  | product family           |                              |              |      |
| NOTES 1 & 2 |          |     |          | ISO 1302 ✓ |                                       | ISO 406<br>ISO 1101   |  |  |                                                                                                  | CARD CONN                |                              |              |      |
| ltr         | ecr      | no  | dr       | date       | tolerances unless otherwise specified |                       |  |                                                                                       | <br>INCH/MM |                          | title                        |              |      |
| D           | V23244   | MRC | 10/01/92 | angles     | linear                                | .XX±.01/.X±.3         |  |                                                                                       |                                                                                                  |                          | 2X.100/2.54 VERT. CARD CONN. |              |      |
| E           | V70794   | LSS | 11/7/97  |            |                                       | .XXX±.0.005/.XX±.13   |  |                                                                                       |                                                                                                  |                          | .050/1.27 LEG 15 Au          |              |      |
| F           | M05-0216 | ERE | 10/11/05 | 0'±2"      |                                       | .XXXX±.0020/.XXX±.051 |  |                                                                                       |                                                                                                  |                          | scale 4:1                    |              |      |
| G           | M06-0210 | MHT | 6/03/06  | dr         | L.SANDERS                             | 11/7/97               |  |  |                                                                                                  | dwg no                   |                              | sheet 1 of 3 | size |
|             |          |     |          | enr        | H.SUNDY                               | 11/7/97               |  |                                                                                       |                                                                                                  | 68428                    |                              | A3           |      |
|             |          |     |          | chr        | H.SUNDY                               | 11/7/97               |  |                                                                                       |                                                                                                  | type                     |                              |              |      |
|             |          |     |          | appd       | H.SUNDY                               | 11/7/97               |  |                                                                                       |                                                                                                  | Product Customer Drawing |                              |              |      |
| sheet       | revision | G   | G        | G          |                                       |                       |  |                                                                                       |                                                                                                  |                          |                              |              |      |
| index       | sheet    | 1   | 2        | 3          |                                       |                       |  |                                                                                       |                                                                                                  |                          |                              |              |      |

form: A3

PRODUCT NUMBER

SEE TABLE

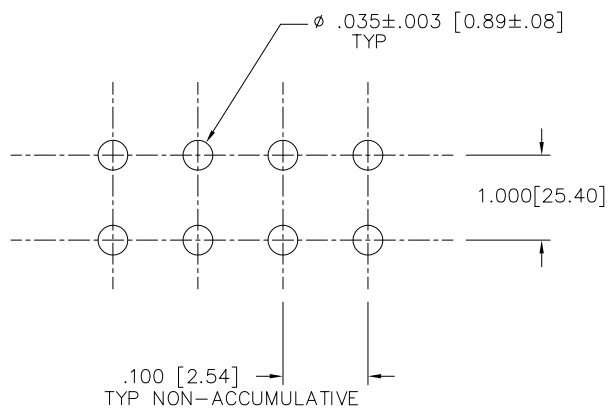
RECOMMENDED HOLE PATTERN  
SCALE 5/1

FIG. A

## NOTES:

- ① HOUSING MAT'L: FILLED POLYESTER,  
FLAME RETARDANT PER UL 94V-0.  
COLOR : BLACK.
- ② TERMINAL MATERIAL.  
BODY: BRASS  
GOLD FLASH, WITH 15u"/0.38u Au OVER  
50u"/1.27u Ni IN CONTACT AREA.  
SPRING MATERIAL: BeCu ALLOY HEAT TREATED.  
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 FIG. "A"  
B. ALL MATING PINS TO BE .025/.64 SQ  
ON TRUE CENTER OF GIVEN TERMINAL  
SPACING WITHIN .015/.38 DIAMETER.  
C. SUGGESTED MATING PIN LENGTH .210/5.33 +  
.040/1.02 - .060/1.52.
- ⑤ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD  
FREE OPTION.
- ⑥ THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK  
TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED  
OR VAPOR PHASE SOLDER PROCESS.

|             |                |    |      |                       |                                       |                       |                               |  |  |  |
|-------------|----------------|----|------|-----------------------|---------------------------------------|-----------------------|-------------------------------|--|--|--|
| mat'l. code |                |    |      | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101      | projection<br>INCH/MM | product family<br>CARD CONN   |  |  |  |
| ltr         | ecn            | no | dr   | date                  | tolerances unless otherwise specified |                       | title                         |  |  |  |
| G           |                |    |      |                       | angles linear .XX±.01/.X±.3           |                       | 2X.100/2.54 VERT. CARD CONN.  |  |  |  |
|             |                |    |      |                       | 0'±2' .XXX±.0.005/.XX±.13             |                       | .050/1.27 LEG 15 Au           |  |  |  |
|             |                |    |      |                       | .XXXX±.0020/.XXX±.051                 |                       | scale 4:1                     |  |  |  |
|             |                |    | dr   | L.SANDERS             | 11/7/97                               |                       | dwg no                        |  |  |  |
|             |                |    | enr  | H.SUNDY               | 11/7/97                               |                       | sheet 2 of 3 size             |  |  |  |
|             |                |    | chr  | H.SUNDY               | 11/7/97                               |                       | 68428 A3                      |  |  |  |
|             |                |    | appd | H.SUNDY               | 11/7/97                               |                       | type Product Customer Drawing |  |  |  |
| sheet index | revision sheet |    |      |                       |                                       |                       |                               |  |  |  |



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| PRODUCT NO | NO. OF POS. | DIM A       | DIM B MAX   | LEAD FREE OPTION |
|------------|-------------|-------------|-------------|------------------|
| 68428-001  | UNASSIGNED  |             |             |                  |
| -002       | 2 X 2       | .100/2.54   | .200/5.08   | NOTE 5,6         |
| -003       | 2 X 3       | .200/5.08   | .300/7.62   |                  |
| -004       | 2 X 4       | .300/7.62   | .400/10.16  |                  |
| -005       | 2 X 5       | .400/10.16  | .500/12.70  |                  |
| -006       | 2 X 6       | .500/12.70  | .600/15.24  |                  |
| -007       | 2 X 7       | .600/15.24  | .700/17.78  |                  |
| -008       | 2 X 8       | .700/17.78  | .800/20.32  |                  |
| -009       | 2 X 9       | .800/20.32  | .900/22.86  |                  |
| -010       | 2 X 10      | .900/22.86  | 1.000/25.40 |                  |
| -011       | 2 X 11      | 1.000/25.40 | 1.100/27.94 |                  |
| -012       | 2 X 12      | 1.100/27.94 | 1.200/30.48 |                  |
| -013       | 2 X 13      | 1.200/30.48 | 1.300/33.02 |                  |
| -014       | 2 X 14      | 1.300/33.02 | 1.400/35.56 |                  |
| -015       | 2 X 15      | 1.400/35.56 | 1.500/38.10 |                  |
| -016       | 2 X 16      | 1.500/38.10 | 1.600/40.64 |                  |
| -017       | 2 X 17      | 1.600/40.64 | 1.700/43.18 |                  |
| -018       | 2 X 18      | 1.700/43.18 | 1.800/45.72 |                  |
| -019       | 2 X 19      | 1.800/45.72 | 1.900/48.26 |                  |
| -020       | 2 X 20      | 1.900/48.26 | 2.000/50.08 |                  |
| -021       | 2 X 21      | 2.000/50.08 | 2.100/53.34 |                  |
| -022       | 2 X 22      | 2.100/53.34 | 2.200/55.88 |                  |
| -023       | 2 X 23      | 2.200/55.88 | 2.300/58.42 |                  |
| -024       | 2 X 24      | 2.300/58.42 | 2.400/60.96 |                  |
| 68428-025  | 2 X 25      | 2.400/60.96 | 2.500/63.50 | NOTE 5,6         |

| PRODUCT NO | NO. OF POS. | DIM A       | DIM B MAX   | LEAD FREE OPTION |
|------------|-------------|-------------|-------------|------------------|
| 68428-026  | 2 X 26      | 2.500/63.50 | 2.600/66.04 | NOTE 5,6         |
| -027       | 2 X 27      | 2.600/66.04 | 2.700/68.58 |                  |
| -028       | 2 X 28      | 2.700/68.58 | 2.800/71.12 |                  |
| -029       | 2 X 29      | 2.800/71.12 | 2.900/73.66 |                  |
| -030       | 2 X 30      | 2.900/73.66 | 3.000/76.20 |                  |
| -031       | 2 X 31      | 3.000/76.20 | 3.100/78.74 |                  |
| -032       | 2 X 32      | 3.100/78.74 | 3.200/81.28 |                  |
| -033       | 2 X 33      | 3.200/81.28 | 3.300/83.82 |                  |
| -034       | 2 X 34      | 3.300/83.82 | 3.400/86.36 |                  |
| -035       | 2 X 35      | 3.400/86.36 | 3.500/88.90 |                  |
| 68428-036  | 2 X 36      | 3.500/88.90 | 3.600/91.44 | NOTE 5,6         |

|             |                |      |           |                                       |                                                                         |                          |                                                     |
|-------------|----------------|------|-----------|---------------------------------------|-------------------------------------------------------------------------|--------------------------|-----------------------------------------------------|
| 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 |                                                                         | INCH/MM<br>scale 4:1<br> | title                                               |
| G           |                |      |           | angles                                | linear<br>.XX±.01/.X±.3<br>.XXX±.0.005/.XX±.13<br>.XXXX±.0020/.XXX±.051 |                          | 2X.100/2.54 VERT. CARD CONN.<br>.050/1.27 LEG 15 Au |
|             |                |      |           | 0'±2'                                 |                                                                         |                          |                                                     |
|             |                | dr   | L.SANDERS | 11/7/97                               |                                                                         |                          | dwg no                                              |
|             |                | enr  | H.SUNDY   | 11/7/97                               |                                                                         |                          | sheet 3 of 3 size                                   |
|             |                | chr  | H.SUNDY   | 11/7/97                               |                                                                         |                          | 68428 A3                                            |
|             |                | appd | H.SUNDY   | 11/7/97                               |                                                                         |                          | type Product Customer Drawing                       |
| sheet index | revision sheet |      |           |                                       |                                                                         |                          |                                                     |

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