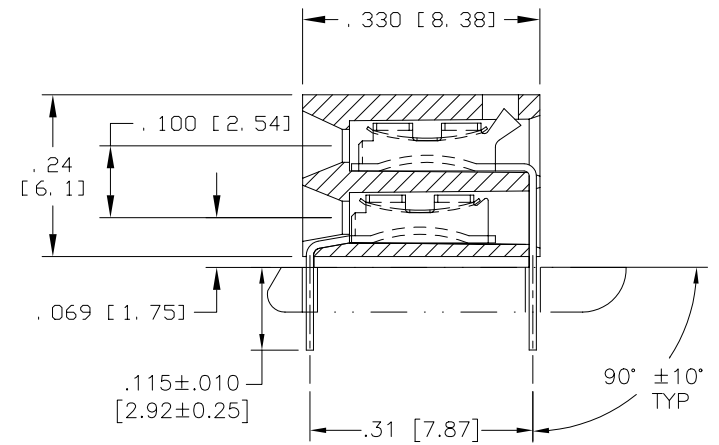
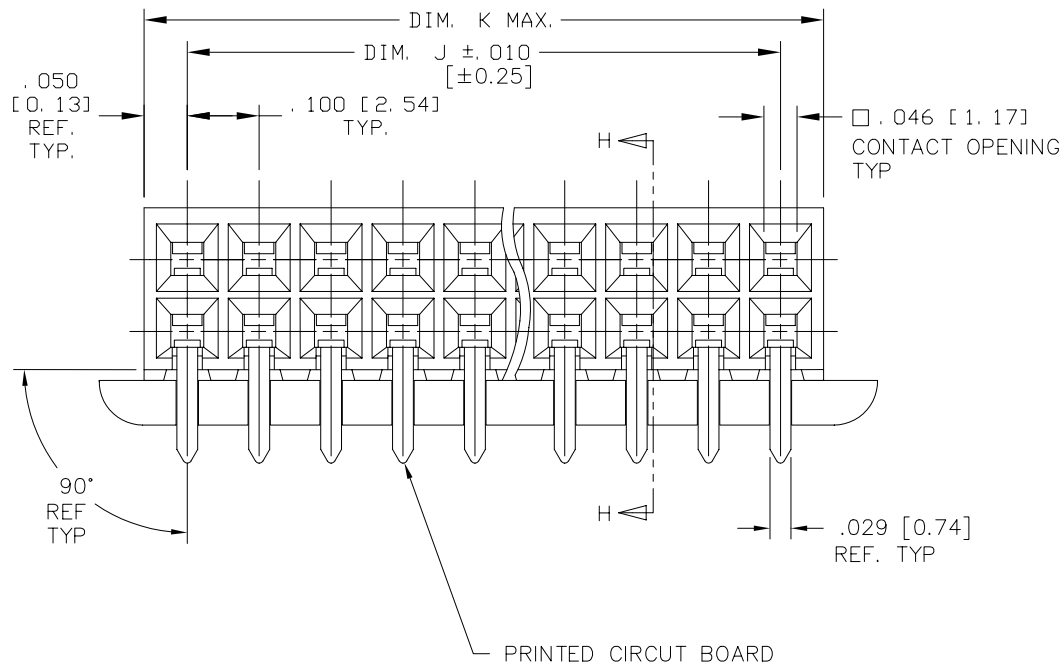
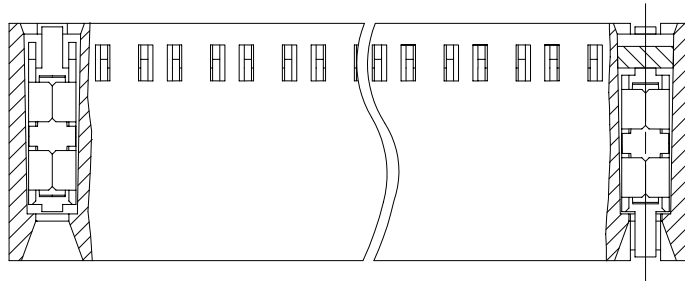




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PRODUCT NO.  
SEE TABLE



AT BOTTOM OF HOUSING  
SECTION H-H

|             |          |     |          |                                       |             |                       |            |                               |  |
|-------------|----------|-----|----------|---------------------------------------|-------------|-----------------------|------------|-------------------------------|--|
| mat'l. code |          |     |          | surface                               |             | tolerance             | projection | product family                |  |
| -           |          |     |          | ISO 1302                              |             | ISO 406<br>ISO 1101   |            | CARD CONN                     |  |
| ltr         | ecn no   | dr  | date     | tolerances unless otherwise specified |             |                       | INCH/MM    | title                         |  |
| D           |          | JGS | 5/9/00   | angles                                | linear      | .XX $\pm .01/.3$      |            | 2 x.100 CARD CONNECTOR        |  |
| E           | V02512   | AZ  | 10/11/00 |                                       |             | .XXX $\pm .005/.13$   | scale 4:1  | dwg no                        |  |
| F           | M05-0181 | MHT | 8/16/05  | 0° $\pm 2^\circ$                      |             | .XXXX $\pm .0020/.05$ |            | sheet 1 of 4 size             |  |
| G           | M06-0117 | AEA | 06/26/06 | dr                                    | J. SHREINER | 5/9/90                |            | 67227                         |  |
|             |          |     |          | enr                                   | M. HAHN     | 5/9/90                |            | A3                            |  |
|             |          |     |          | chr                                   | M. HAHN     | 5/9/90                |            | type Product Customer Drawing |  |
|             |          |     |          | appd                                  | M. HAHN     | 5/9/90                |            |                               |  |
| sheet index | revision | G   | G        | G                                     | G           |                       |            |                               |  |
|             | sheet    | 1   | 2        | 3                                     | 4           |                       |            |                               |  |

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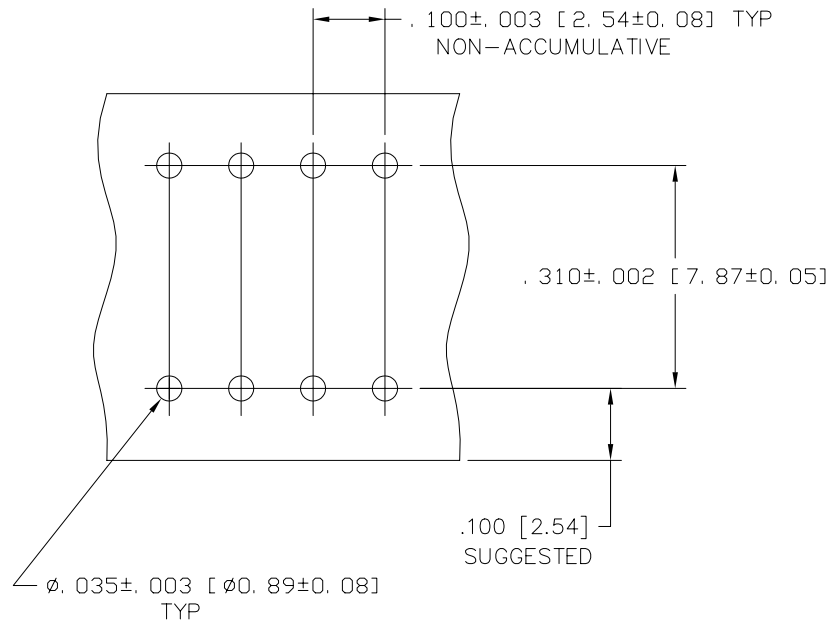


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## NOTES:

1. HOUSING MATERIAL:  
30% GLASS-FILLED THERMOPLASTIC POLYESTER  
PER UL 94-V0. COLOR BLACK.
2. TERMINAL MATERIAL:  
BODY: 1/2 HARD BRASS. ALLOY C26000 .010 [0.25] THICK  
SPRING: BE-CU. ALLOY C17200, HEAT TREATED  
BODY PLATING:  
30μ"/0.76μm Au OVER 50μ"/1.27μm Ni  
IN CONTACT AREA.  
SPRING PLATING: GOLD FLASH
3. APPLICATION INFORMATION:
  - A. RECOMMENDED MOUNTING HOLE  
PATTERN IS SHOWN IN FIGURE "A"
  - B. ALL MATING PINS TO BE  
.025 [0.64] SQUARE ON TRUE  
CENTER OF GIVEN TERMINAL  
SPACINGS WITHIN .015 [0.38] DIA.
  - C. SUGGESTED MATING PIN LENGTH  
.350±.020 [8.89±0.51]
- ④. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD  
FREE OPTION.
- ⑤. THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
6. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE  
FOR 20 SECONDS IN A WAVE SOLDER, INFRA-RED OR VAPOR PHASE  
SOLDER PROCESS.



|             |     |          |    |            |                                       |                                    |                          |                           |  |  |
|-------------|-----|----------|----|------------|---------------------------------------|------------------------------------|--------------------------|---------------------------|--|--|
| mat'l. code |     |          |    | surface    | tolerance                             | projection                         | product family           |                           |  |  |
| -           |     |          |    | ISO 1302 ✓ | ISO 406<br>ISO 1101                   |                                    | CARD CONN                |                           |  |  |
| ltr         | ecn | no       | dr | date       | tolerances unless otherwise specified |                                    | <br>INCH/MM<br>scale 4:1 | title                     |  |  |
| G           |     |          |    |            | angles                                | linear                             |                          | 2 x.100 CARD<br>CONNECTOR |  |  |
|             |     |          |    |            |                                       | .XX±.01/.3                         |                          |                           |  |  |
|             |     |          |    |            | 0°±2'                                 | .XXX ±.005/.13<br>.XXX ±.0020/.051 |                          |                           |  |  |
|             |     |          |    |            | dr                                    | J. SHREINER                        | 5/9/90                   | dwg no                    |  |  |
|             |     |          |    |            | enr                                   | M. HAHN                            | 5/9/90                   | sheet 2 of 4              |  |  |
|             |     |          |    |            | chr                                   | M. HAHN                            | 5/9/90                   | size                      |  |  |
|             |     |          |    |            | appd                                  | M. HAHN                            | 5/9/90                   | A3                        |  |  |
| sheet       |     | revision |    |            |                                       |                                    |                          | type                      |  |  |
| index       |     | sheet    |    |            |                                       |                                    |                          | Product Customer Drawing  |  |  |

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| PRODUCT NO. | NO. OF POS. | DIM. J       | DIM. K       | INSUL. PLUG | LEAD FREE OPTION |
|-------------|-------------|--------------|--------------|-------------|------------------|
| 67227-001   | 2X1         | .000/0.00    | .100/2.54    | NO          | NOTE 5,6         |
| -002        | 2X2         | .100/2.54    | .200/5.08    |             |                  |
| -003        | 2X3         | .200/5.08    | .300/7.62    |             |                  |
| -004        | 2X4         | .300/7.62    | .400/10.16   |             |                  |
| -005        | 2X5         | .400/10.16   | .500/12.70   |             |                  |
| -006        | 2X6         | .500/12.07   | .600/15.24   |             |                  |
| -007        | 2X7         | .600/15.24   | .700/17.78   |             |                  |
| -008        | 2X8         | .700/17.78   | .800/20.32   |             |                  |
| -009        | 2X9         | .800/20.32   | .900/22.86   |             |                  |
| -010        | 2X10        | .900/22.86   | 1.000/25.40  |             |                  |
| -011        | 2X11        | 1.000/25.40  | 1.100/27.94  |             |                  |
| -012        | 2X12        | 1.100/27.94  | 1.200/30.48  |             |                  |
| -013        | 2X13        | 1.200/30.48  | 1.300/33.02  |             |                  |
| -014        | 2X14        | 1.300/33.02  | 1.400/35.56  |             |                  |
| -015        | 2X15        | 1.400/35.56  | 1.500/38.10  |             |                  |
| -016        | 2X16        | 1.500/38.10  | 1.600/40.64  |             |                  |
| -017        | 2X17        | 1.600/40.64  | 1.700/43.18  |             |                  |
| -018        | 2X18        | 1.700/43.18  | 1.800/45.72  |             |                  |
| -019        | 2X19        | 1.800/45.72  | 1.900/48.26  |             |                  |
| -020        | 2X20        | 1.900/48.26  | 2.000/50.80  |             |                  |
| -021        | 2X21        | 2.000/50.80  | 2.100/53.34  |             |                  |
| -022        | 2X22        | 2.100/53.34  | 2.200/55.88  |             |                  |
| -023        | 2X23        | 2.200/55.88  | 2.300/58.42  |             |                  |
| -024        | 2X24        | 2.300/58.42  | 2.400/60.96  |             |                  |
| -025        | 2X25        | 2.400/60.96  | 2.500/63.50  |             |                  |
| -026        | 2X26        | 2.500/63.50  | 2.600/66.04  |             |                  |
| -027        | 2X27        | 2.600/66.04  | 2.700/68.58  |             |                  |
| -028        | 2X28        | 2.700/68.58  | 2.800/71.12  |             |                  |
| -029        | 2X29        | 2.800/71.12  | 2.900/73.66  |             |                  |
| -030        | 2X30        | 2.900/73.66  | 3.000/76.20  |             |                  |
| -031        | 2X31        | 3.000/76.20  | 3.100/78.74  |             |                  |
| -032        | 2X32        | 3.100/78.74  | 3.200/81.28  |             |                  |
| -033        | 2X33        | 3.200/81.28  | 3.300/83.82  |             |                  |
| -034        | 2X34        | 3.300/83.82  | 3.400/86.36  |             |                  |
| -035        | 2X35        | 3.400/86.36  | 3.500/88.90  |             |                  |
| -036        | 2X36        | 3.500/88.90  | 3.600/91.44  |             |                  |
| -037        | 2X37        | 3.600/91.44  | 3.700/93.98  |             |                  |
| -038        | 2X38        | 3.700/93.98  | 3.800/96.52  |             |                  |
| -039        | 2X39        | 3.800/96.52  | 3.900/99.60  |             |                  |
| -040        | 2X40        | 3.900/99.60  | 4.000/101.60 |             |                  |
| 67227-041   | 2X41        | 4.000/101.60 | 4.000/104.14 | NO          | NOTE 5,6         |

|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  |        |  |             |                   |  |        |         |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------|--|----------------|--|-----------------------|--|----------------------------------|--|-----------------------------------------------------------------------------------------------------|--|---------------------------------------|--|--------|--|-------------|-------------------|--|--------|---------|--|----------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| mat'l. code<br>— |  |                |  | 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             |  |        |         |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G                |  |                |  |                       |  |                                  |  |                                                                                                     |  | angles                                |  | linear |  |             | .XX±.01/.3        |  |        | INCH/MM |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  |        |  |             | .XXX ±.005/.13    |  |        |         |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  | 0°±2'                                 |  |        |  |             | .XXXX ±.0020/.051 |  |        |         |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  | dr     |  | J. SHREINER |                   |  | 5/9/90 |         |  | FCI<br> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  | engr   |  | M. HAHN     |                   |  | 5/9/90 |         |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  | chr    |  | M. HAHN     |                   |  | 5/9/90 |         |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  | appd   |  | M. HAHN     |                   |  | 5/9/90 |         |  | dwg no                                                                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  |        |  |             |                   |  |        |         |  | sheet3 of 4 size                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  |        |  |             |                   |  |        |         |  | 67227                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  |        |  |             |                   |  |        |         |  | A3                                                                                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |                |  |                       |  |                                  |  |                                                                                                     |  |                                       |  |        |  |             |                   |  |        |         |  | type Product Customer Drawing                                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sheet index      |  | revision sheet |  |                       |  |                                  |  |                                                                                                     |  |                                       |  |        |  |             |                   |  |        |         |  |                                                                                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| PRODUCT NO. | NO. OF POS. | DIM. J         | DIM. K         | INSUL. PLUG | LEAD FREE OPTION |
|-------------|-------------|----------------|----------------|-------------|------------------|
| 67227-042   | 2X42        | 4. 100/104. 14 | 4. 200/106. 68 | NO          | NOTE 5,6         |
| ↑ -043      | 2X43        | 4. 200/106. 68 | 4. 300/109. 22 | ↑           |                  |
| -044        | 2X44        | 4. 300/109. 22 | 4. 400/111. 76 |             |                  |
| -045        | 2X45        | 4. 400/111. 76 | 4. 500/114. 30 |             |                  |
| -046        | 2X46        | 4. 500/114. 30 | 4. 600/116. 84 |             |                  |
| -047        | 2X47        | 4. 600/116. 84 | 4. 700/119. 38 |             |                  |
| -048        | 2X48        | 4. 700/119. 38 | 4. 800/121. 92 |             |                  |
| -049        | 2X49        | 4. 800/121. 92 | 4. 900/124. 46 |             |                  |
| A -050      | 2X50        | 4. 900/124. 46 | 5. 000/127. 00 |             |                  |
| -051        | 2X51        | 5. 000/127. 00 | 5. 100/129. 54 |             |                  |
| -052        | 2X52        | 5. 100/129. 54 | 5. 200/132. 08 |             |                  |
| -053        | 2X53        | 5. 200/132. 08 | 5. 300/134. 62 |             |                  |
| -054        | 2X54        | 5. 300/134. 62 | 5. 400/137. 16 |             |                  |
| -055        | 2X55        | 5. 400/137. 16 | 5. 500/139. 70 |             |                  |
| -056        | 2X56        | 5. 500/139. 70 | 5. 600/142. 24 |             |                  |
| -057        | 2X57        | 5. 600/142. 24 | 5. 700/144. 78 |             |                  |
| -058        | 2X58        | 5. 700/144. 78 | 5. 800/147. 32 |             |                  |
| -059        | 2X59        | 5. 800/147. 32 | 5. 900/149. 86 |             |                  |
| -060        | 2X60        | 5. 900/149. 86 | 6. 000/152. 40 |             |                  |
| -061        | 2X61        | 6. 000/152. 40 | 6. 100/154. 94 |             |                  |
| -062        | 2X62        | 6. 100/154. 94 | 6. 200/157. 48 |             |                  |
| -063        | 2X63        | 6. 200/157. 48 | 6. 300/160. 02 |             |                  |
| ↓ -064      | 2X64        | 6. 300/160. 02 | 6. 400/162. 56 | ↓           |                  |
| 67227-065   | 2X65        | 6. 400/162. 56 | 6. 500/165. 10 | NO          | NOTE 5,6         |

|             |                |    |      |             |                                           |                          |                                     |
|-------------|----------------|----|------|-------------|-------------------------------------------|--------------------------|-------------------------------------|
| mat'l. code |                |    |      | surface     | tolerance                                 | projection               | product family                      |
| -           |                |    |      | ISO 1302 ✓  | ISO 406<br>ISO 1101                       |                          | CARD CONN                           |
| ltr         | ecn            | no | dr   | date        | tolerances unless otherwise specified     | <br>INCH/MM<br>scale 4:1 | title<br><br>2 x.100 CARD CONNECTOR |
| G           |                |    |      |             | angles linear .XX±.01/.3                  |                          |                                     |
|             |                |    |      |             | 0'±2' .XXX ±.005/.13<br>.XXXX ±.0020/.051 |                          |                                     |
|             |                |    | dr   | J. SHREINER | 5/9/90                                    |                          | dwg no                              |
|             |                |    | enr  | M. HAHN     | 5/9/90                                    |                          | sheet4 of 4 size                    |
|             |                |    | chr  | M. HAHN     | 5/9/90                                    |                          | 67227 A3                            |
|             |                |    | appd | M. HAHN     | 5/9/90                                    |                          | type Product Customer Drawing       |
| sheet index | revision sheet |    |      |             |                                           |                          |                                     |