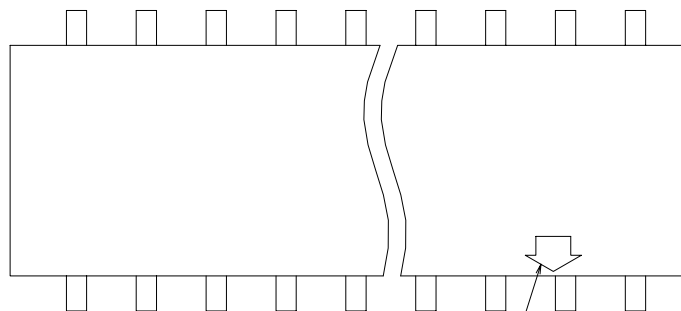




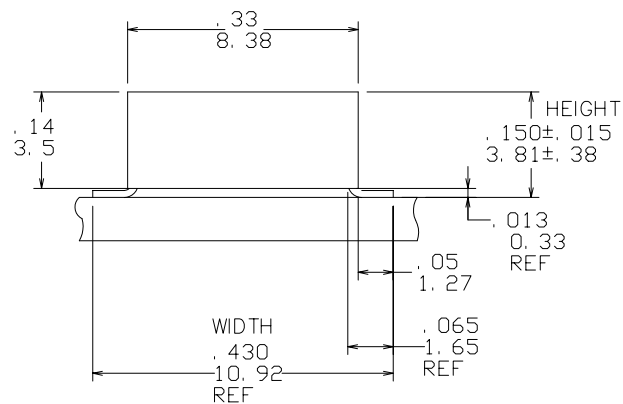
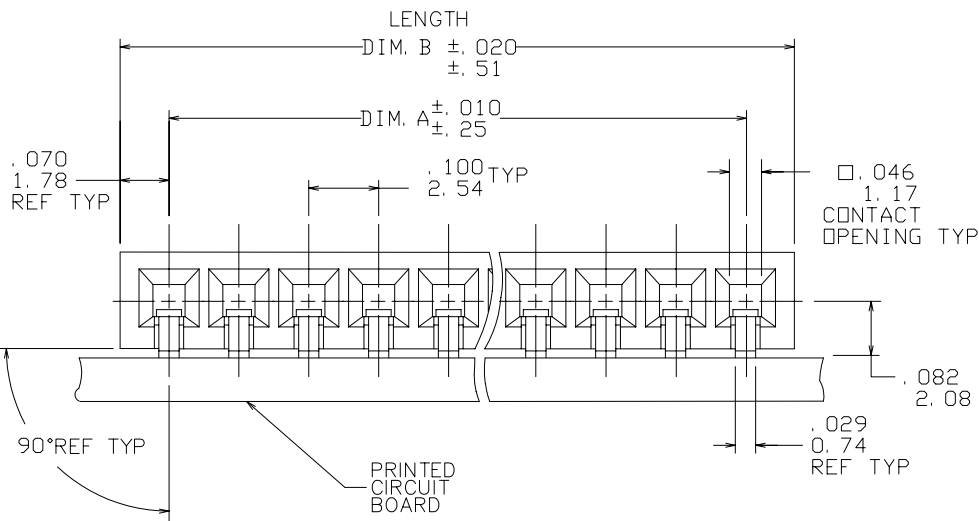
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ARROW INDICATES PIN  
INSERTION SIDE



|             |          |     |    |                                                         |                                       |                          |                              |
|-------------|----------|-----|----|---------------------------------------------------------|---------------------------------------|--------------------------|------------------------------|
| 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         | ecp      | no  | dr | date                                                    | tolerances unless otherwise specified | INCH/MM<br>scale 4:1<br> | title                        |
| A           | APPROVED | RDS |    | 11/22/88                                                | angles                                |                          | 15 $\mu$ "/0.38 $\mu$ 1X.100 |
| B           | V70468   | MDF |    | 8/7/97                                                  | linear                                |                          | SMT CARD CONNECTOR           |
| C           | V02386   | AZ  |    | 10/06/00                                                | 0'±2'                                 |                          |                              |
| D           | M05-0199 | ERE |    | 09/15/05                                                | dr                                    | J.LINN                   | 3/2/87                       |
| E           | M06-0210 | MHT |    | 6/03/06                                                 | enr                                   | M.HAHN                   | 11/22/88                     |
|             |          |     |    |                                                         | chr                                   | M.HAHN                   | 11/22/88                     |
|             |          |     |    |                                                         | app                                   | M.HAHN                   | 11/22/88                     |
| sheet       | revision | E   | E  | E                                                       | E                                     |                          |                              |
| index       | sheet    | 1   | 2  | 3                                                       | 4                                     |                          |                              |

|        |              |                  |
|--------|--------------|------------------|
| dwg no | sheet 1 of 4 | size             |
| 68065  |              | A3               |
| type   | Product      | Customer Drawing |

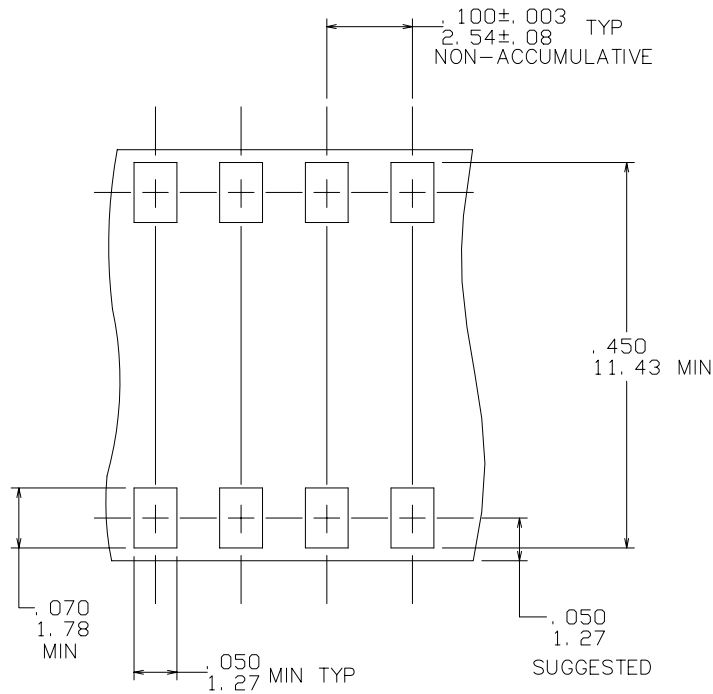
form: A3



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## NOTES

- HOUSING MATERIAL:  
FILLED HIGH TEMPERATURE NYLON  
COLOR: BLACK.
  - TERMINAL MATERIAL:  
BODY: BRASS, .010/.25 THICK.  
SPRING: BE-CU, HEAT TREATED.  
BODY PLATING:  
15 MICROINCH/.38 MICRON GOLD  
OVER 50 MICROINCH /1.27 MICRON NICKEL  
IN CONTACT AREA  
SPRING PLATING: GOLD FLASH
  - MARKING:  
FCI PART NUMBER AND DATE CODE LEGIBLE  
ON TUBE LABEL.
  - APPLICATION INFORMATION:
    - RECOMMENDED MOUNTING PAD  
PATTERN IS SHOWN IN FIGURE "1".
    - ALL MATING PINS TO BE  
.025/.64 SQUARE ON TRUE  
CENTER OF GIVEN TERMINAL  
SPACINGS WITHIN .015/.38 DIA.
    - SUGGESTED MATING PIN LENGTH  
.350±.020/8.89±.51.
- ⑤ ADD "LF" SUFFIX AT THE END OF PART NUMBER  
FOR LEAD FREE OPTION.
- ⑥ THESE PRODUCT 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 |                                  | scale 4:1<br>         | title                         |
| E           |                |    |      | angles                                | linear                           |                       | 15μ"/0.38μ 1X.100             |
|             |                |    |      | 0°±2'                                 |                                  |                       | SMT CARD CONNECTOR            |
|             |                |    |      |                                       |                                  |                       | dwg no sheet2 of 4 size       |
|             |                |    |      | dr                                    | J.LINN                           | 3/2/87                | 68065 A3                      |
|             |                |    |      | enr                                   | M.HAHN                           | 11/22/88              |                               |
|             |                |    |      | chr                                   | M.HAHN                           | 11/22/88              |                               |
|             |                |    |      | appd                                  | M.HAHN                           | 11/22/88              |                               |
| sheet index | revision sheet |    |      |                                       |                                  |                       | type Product Customer Drawing |

form: A3



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| PRODUCT NO | NO. OF POS. | DIM A       | DIM B        | LEAD FREE OPTION |
|------------|-------------|-------------|--------------|------------------|
| 68065-001  |             | UNAVAILABLE |              |                  |
| ↑ -002     | 1X2         | .100/2.54   | .240/6.10    | NOTE 5           |
| -003       | 1X3         | .200/5.08   | .340/8.64    |                  |
| -004       | 1X4         | .300/7.62   | .440/11.18   |                  |
| -005       | 1X5         | .400/10.16  | .540/13.72   |                  |
| -006       | 1X6         | .500/12.70  | .640/16.26   |                  |
| -007       | 1X7         | .600/15.24  | .740/18.80   |                  |
| -008       | 1X8         | .700/17.78  | .840/21.34   |                  |
| -009       | 1X9         | .800/20.32  | .940/23.88   |                  |
| -010       | 1X10        | .900/22.86  | 1.040/26.42  |                  |
| A -011     | 1X11        | 1.000/25.40 | 1.140/28.96  |                  |
| -012       | 1X12        | 1.100/27.94 | 1.240/31.50  |                  |
| -013       | 1X13        | 1.200/30.48 | 1.340/34.04  |                  |
| -014       | 1X14        | 1.300/33.02 | 1.440/36.58  |                  |
| -015       | 1X15        | 1.400/35.56 | 1.540/39.12  |                  |
| -016       | 1X16        | 1.500/38.10 | 1.640/41.66  |                  |
| -017       | 1X17        | 1.600/40.64 | 1.740/44.20  |                  |
| -018       | 1X18        | 1.700/43.18 | 1.840/46.74  |                  |
| -019       | 1X19        | 1.800/45.72 | 1.940/49.28  |                  |
| -020       | 1X20        | 1.900/48.26 | 2.040/51.82  |                  |
| -021       | 1X21        | 2.000/50.80 | 2.140/54.36  |                  |
| -022       | 1X22        | 2.100/53.34 | 2.240/56.90  |                  |
| -023       | 1X23        | 2.200/55.88 | 2.340/59.44  |                  |
| -024       | 1X24        | 2.300/58.42 | 2.440/61.98  |                  |
| B -025     | 1X25        | 2.400/60.96 | 2.540/64.52  |                  |
| -026       | 1X26        | 2.500/63.50 | 2.640/67.06  |                  |
| -027       | 1X27        | 2.600/66.04 | 2.740/69.60  |                  |
| -028       | 1X28        | 2.700/68.58 | 2.840/72.14  |                  |
| -029       | 1X29        | 2.800/71.12 | 2.940/74.68  |                  |
| -030       | 1X30        | 2.900/73.66 | 3.040/77.22  |                  |
| -031       | 1X31        | 3.000/76.20 | 3.140/79.76  |                  |
| -032       | 1X32        | 3.100/78.74 | 3.240/82.30  |                  |
| -033       | 1X33        | 3.200/81.28 | 3.340/84.84  |                  |
| -034       | 1X34        | 3.300/83.82 | 3.440/87.38  |                  |
| -035       | 1X35        | 3.400/86.36 | 3.540/89.92  |                  |
| -036       | 1X36        | 3.500/88.90 | 3.640/92.46  |                  |
| -037       | 1X37        | 3.600/91.44 | 3.740/95.00  |                  |
| -038       | 1X38        | 3.700/93.98 | 3.840/97.54  |                  |
| C -039     | 1X39        | 3.800/96.52 | 3.940/100.08 |                  |
| 68065-040  | 1X40        | 3.900/99.06 | 4.040/102.62 | NOTE 5           |

|             |  |                |  |                       |  |                                  |  |                                       |  |                             |  |                          |  |
|-------------|--|----------------|--|-----------------------|--|----------------------------------|--|---------------------------------------|--|-----------------------------|--|--------------------------|--|
| 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                       |  | 15μ"/0.38μ 1X.100        |  |
| E           |  |                |  |                       |  |                                  |  | linear .XX±.01/.X±.3                  |  | INCH/MM                     |  | SMT CARD CONNECTOR       |  |
|             |  |                |  |                       |  |                                  |  | 0°±2'                                 |  | scale 4:1                   |  | dwg no                   |  |
|             |  |                |  |                       |  |                                  |  | dr J.LINN 3/2/87                      |  | sheet 3 of 4                |  | size                     |  |
|             |  |                |  |                       |  |                                  |  | enr M.HAHN 11/22/88                   |  | FCI                         |  | 68065 A3                 |  |
|             |  |                |  |                       |  |                                  |  | chr M.HAHN 11/22/88                   |  | type                        |  | Product Customer Drawing |  |
|             |  |                |  |                       |  |                                  |  | appd M.HAHN 11/22/88                  |  |                             |  |                          |  |
| sheet index |  | revision sheet |  |                       |  |                                  |  |                                       |  |                             |  |                          |  |

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form: A3

| PRODUCT NO | NO. OF POS. | DIM A        | DIM B        | LEAD FREE OPTION |
|------------|-------------|--------------|--------------|------------------|
| 68065-041  | 1X41        | 4.000/101.60 | 4.140/105.16 | NOTE 5           |
| -042       | 1X42        | 4.100/104.14 | 4.240/107.70 |                  |
| -043       | 1X43        | 4.200/106.68 | 4.340/110.24 |                  |
| -044       | 1X44        | 4.300/109.22 | 4.440/112.78 |                  |
| -045       | 1X45        | 4.400/111.76 | 4.540/115.32 |                  |
| -046       | 1X46        | 4.500/114.30 | 4.640/117.86 |                  |
| -047       | 1X47        | 4.600/116.84 | 4.740/120.40 |                  |
| -048       | 1X48        | 4.700/119.38 | 4.840/122.94 |                  |
| -049       | 1X49        | 4.800/121.92 | 4.940/125.48 |                  |
| -050       | 1X50        | 4.900/124.46 | 5.040/128.02 |                  |
| -051       | 1X51        | 5.000/127.00 | 5.140/130.56 | NOTE 5           |
| 68065-052  | 1X52        | 5.100/129.54 | 5.240/133.10 |                  |

|             |                |    |      |                                                         |                                                                             |                              |                                         |
|-------------|----------------|----|------|---------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-----------------------------------------|
| 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 4:1<br> | title                                   |
| E           |                |    |      |                                                         | angles linear .XX±.01/.X±.3<br>.XXX±.0.005/.XX±.13<br>.XXXX±.0020/.XXX±.051 |                              | 15μ"/0.38μ 1X.100<br>SMT CARD CONNECTOR |
|             |                |    |      |                                                         | 0'±2'                                                                       |                              |                                         |
|             |                |    | dr   | J.LINN                                                  | 3/2/87                                                                      |                              | dwg no                                  |
|             |                |    | enr  | M.HAHN                                                  | 11/22/88                                                                    |                              | sheet4 of 4 size                        |
|             |                |    | chr  | M.HAHN                                                  | 11/22/88                                                                    |                              | 68065 A3                                |
|             |                |    | appd | M.HAHN                                                  | 11/22/88                                                                    |                              | type Product Customer Drawing           |
| sheet index | revision sheet |    |      |                                                         |                                                                             |                              |                                         |