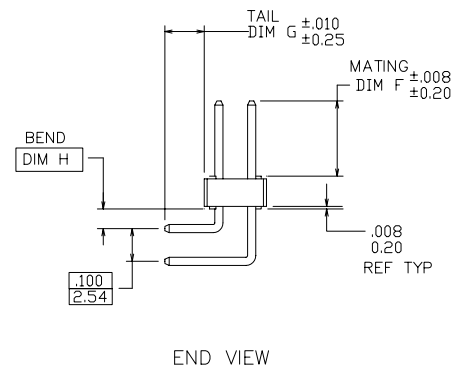
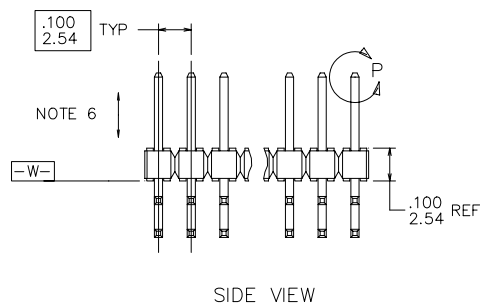
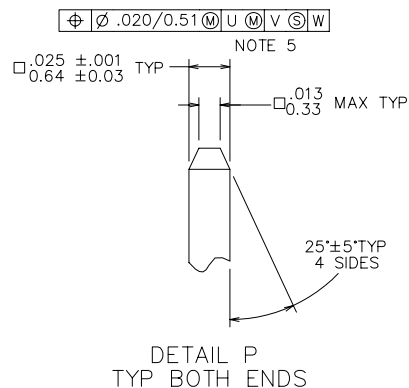
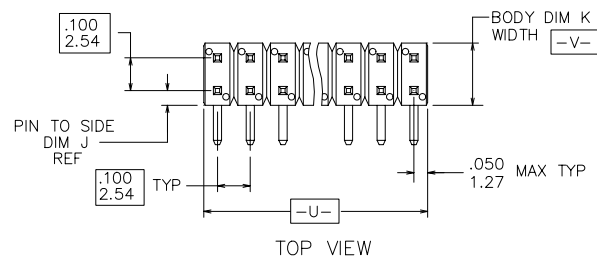


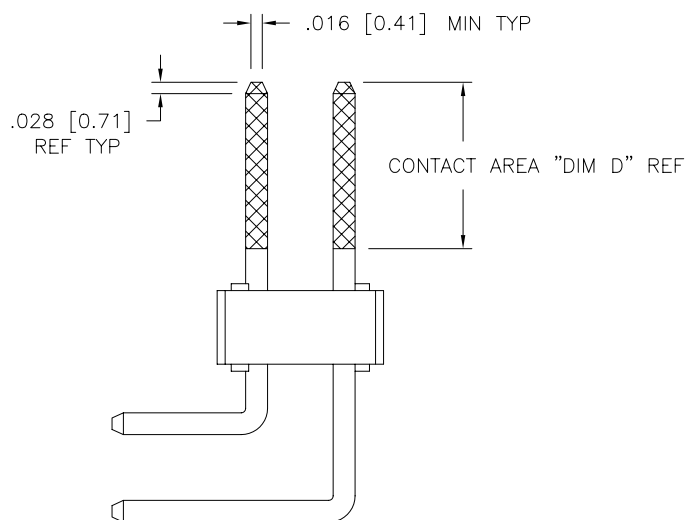
PRODUCT NO.  
XXXXX-YYY TLF

- LEAD FREE OPTION  
SEE NOTE 9 & 10
- TUBE PACKAGING OPTION  
SEE NOTE 8
- NO OF POSITIONS  
SEE NOTE 4
- PLATING NUMBER  
SEE SHEET 2
- BASE PART NO.



|             |          |     |    |          |                                       |              |                   |                               |  |  |  |
|-------------|----------|-----|----|----------|---------------------------------------|--------------|-------------------|-------------------------------|--|--|--|
| mat'l. code |          |     |    | surface  |                                       | tolerance    | projection        | product family                |  |  |  |
| -           |          |     |    | ISO 1302 |                                       | ISO 406      | ISO 1101          | BERGSTIK                      |  |  |  |
| ltr         | ecn      | no  | dr | date     | tolerances unless otherwise specified | angles       | linear            | title                         |  |  |  |
| A           | V41425   | MSC |    | 9/22/94  |                                       |              | .XX ±.01/.3       | BERGSTIK® II HEADER DUPLEX    |  |  |  |
| B           | V61053   | EPK |    | 7/31/96  |                                       |              | .XXX ±.005/.13    | .100/2.54cc DR R/A            |  |  |  |
| C           | V61788   | HTB |    | 12/12/96 |                                       | σ±2'         | .XXXX ±.0020/.051 | scale 2:1                     |  |  |  |
| D           | M05-0118 | ERE |    | 6/02/05  | dr                                    | T. BREWBAKER | 7/20/94           |                               |  |  |  |
| E           | M06-0270 | AEA |    | 7/14/06  | enr                                   | T. HANNA     | 7/20/94           |                               |  |  |  |
|             |          |     |    |          | chr                                   | J. MURPHY    | 7/20/94           |                               |  |  |  |
|             |          |     |    |          | appd                                  | T. HANNA     | 7/22/94           | sheet 1 of 3 size             |  |  |  |
| sheet       | revision | E   | E  | E        |                                       |              |                   | 94646                         |  |  |  |
| index       | sheet    | 1   | 2  | 3        |                                       |              |                   | A3                            |  |  |  |
|             |          |     |    |          |                                       |              |                   | type Product Customer Drawing |  |  |  |

| PLATING NUMBER | CONTACT AREA "DIM. D" (NOTE 3)   |
|----------------|----------------------------------|
| XXXXX-1YY      | 30u"/0.76u Au OVER 50u"/1.27u Ni |
| XXXXX-2YY      | 15u"/0.38u Au OVER 50u"/1.27u Ni |



# NOTES

1. BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME RETARDENT PER UL-94V-0. COLOR: BLACK.
2. PIN MATERIAL: PHOS-BRONZE.
3. FINISH:  
CONTACT AREA: SEE TABLE  
SOLDER TAIL: 100u"/2.54u TIN/LEAD (60/40) OVER 50u"/1.27u Ni  
LEAD FREE OPTION:  
SOLDER TAIL: 100u"/2.54u TIN OVER 50u"/1.27u Ni
4. ANY NUMBER OF POSITIONS FROM 2 (2X1) THRU 72 (2X36).
5. MEASURED WITH PART IN RESRAINED CONDITION.
6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
7. PACKAGED IN POLY BAGS.
8. EIGHT DIGIT PART NUMBERS FOLLOWED BY A "I" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
9. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. OR FOR FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

|                |          |  |  |                                       |                  |            |                          |
|----------------|----------|--|--|---------------------------------------|------------------|------------|--------------------------|
| mat'l. code    |          |  |  | surface                               | tolerance        | projection | product family           |
| -              |          |  |  | ISO 1302                              | ISO 406          |            | BERGSTIK                 |
| ltr            |          |  |  | tolerances unless otherwise specified |                  | INCH/MM    | title                    |
| ecn no dr date |          |  |  | angles                                | linear           |            |                          |
| E              |          |  |  |                                       | .XX ±.01/.3      |            |                          |
|                |          |  |  |                                       | .XXX ±.005/.13   |            |                          |
|                |          |  |  | 0°±2°                                 | .XXX ±.0020/.051 | scale 2:1  | BERGSTIK® II HDR DUPLEX  |
|                |          |  |  | dr                                    | E. KROPIEWICKI   | 7/31/96    | .100/2.54cc DR R/A       |
|                |          |  |  | engr                                  | T. BREWBAKER     | 7/31/96    | dwg no                   |
|                |          |  |  | chr                                   | T. BREWBAKER     | 7/31/96    | sheet 2 of 3 size        |
|                |          |  |  | appd                                  | T. BREWBAKER     | 7/31/96    | A3                       |
| sheet          | revision |  |  |                                       |                  |            | type                     |
| index          | sheet    |  |  |                                       |                  |            | Product Customer Drawing |



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form: A3

| PRODUCT NO. | MATING LENGTH |        | TAIL LENGTH |        | BEND DIM. |        | PIN TO SIDE |        | BODY WIDTH |        | CONTACT AREA |        | PACKAGING |
|-------------|---------------|--------|-------------|--------|-----------|--------|-------------|--------|------------|--------|--------------|--------|-----------|
|             | DIM F         | DIM F  | DIM G       | DIM G  | DIM H     | DIM H  | DIM J       | DIM J  | DIM K      | DIM K  | DIM D        | DIM D  |           |
|             | ENGLISH       | METRIC | ENGLISH     | METRIC | ENGLISH   | METRIC | ENGLISH     | METRIC | ENGLISH    | METRIC | ENGLISH      | METRIC |           |
|             |               |        |             |        |           |        |             |        |            |        |              |        |           |
| 72466-YYY   | 0.390         | 9.91   | 0.100       | 2.54   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.250        | 6.35   | POLY BAGS |
| 94646-YYY   | 0.230         | 5.84   | 0.095       | 2.41   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.185        | 4.70   | POLY BAGS |
| 94648-YYY   | 0.230         | 5.84   | 0.120       | 3.05   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.185        | 4.70   | POLY BAGS |
| 94649-YYY   | 0.318         | 8.08   | 0.107       | 2.72   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.200        | 5.08   | POLY BAGS |
| 94650-YYY   | 0.318         | 8.08   | 0.150       | 3.81   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.200        | 5.08   | POLY BAGS |
| 94692-YYY   | 0.230         | 5.84   | 0.095       | 2.41   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.185        | 4.70   | POLY BAGS |
| 94693-YYY   | 0.230         | 5.84   | 0.120       | 3.05   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.185        | 4.70   | POLY BAGS |
| 94694-YYY   | 0.318         | 8.08   | 0.107       | 2.72   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.200        | 5.08   | POLY BAGS |
| 94695-YYY   | 0.318         | 8.08   | 0.150       | 3.81   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.200        | 5.08   | POLY BAGS |
|             |               |        |             |        |           |        |             |        |            |        |              |        |           |
|             |               |        |             |        |           |        |             |        |            |        |              |        |           |
| 72466-YYLFF | 0.390         | 9.91   | 0.100       | 2.54   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.250        | 6.35   | POLY BAGS |
| 94646-YYLFF | 0.230         | 5.84   | 0.095       | 2.41   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.185        | 4.70   | POLY BAGS |
| 94648-YYLFF | 0.230         | 5.84   | 0.120       | 3.05   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.185        | 4.70   | POLY BAGS |
| 94649-YYLFF | 0.318         | 8.08   | 0.107       | 2.72   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.200        | 5.08   | POLY BAGS |
| 94650-YYLFF | 0.318         | 8.08   | 0.150       | 3.81   | 0.060     | 1.52   | 0.045       | 1.14   | 0.190      | 4.83   | 0.200        | 5.08   | POLY BAGS |
| 94692-YYLFF | 0.230         | 5.84   | 0.095       | 2.41   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.185        | 4.70   | POLY BAGS |
| 94693-YYLFF | 0.230         | 5.84   | 0.120       | 3.05   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.185        | 4.70   | POLY BAGS |
| 94694-YYLFF | 0.318         | 8.08   | 0.107       | 2.72   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.200        | 5.08   | POLY BAGS |
| 94695-YYLFF | 0.318         | 8.08   | 0.150       | 3.81   | 0.060     | 1.52   | 0.070       | 1.78   | 0.240      | 6.10   | 0.200        | 5.08   | POLY BAGS |
|             |               |        |             |        |           |        |             |        |            |        |              |        |           |
|             |               |        |             |        |           |        |             |        |            |        |              |        |           |

|                  |                |    |    |                       |                                       |                                  |                                                    |                                                                                                     |                                                        |  |  |  |
|------------------|----------------|----|----|-----------------------|---------------------------------------|----------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------|--|--|--|
| mat'l. code<br>- |                |    |    | surface<br>ISO 1302 ✓ |                                       | tolerance<br>ISO 406<br>ISO 1101 |                                                    | projection<br> | product family<br>BERGSTIK                             |  |  |  |
| ltr              | ec             | no | dr | date                  | tolerances unless otherwise specified |                                  |                                                    |                                                                                                     | title<br>BERGSTIK® II HDR DUPLEX<br>.100/2.54cc DR R/A |  |  |  |
| E                |                |    |    |                       | angles                                | linear                           | .XX ±.01/.3<br>.XXX ±.005/.13<br>.XXXX ±.0020/.051 | INCH/MM                                                                                             | sheet3 of 3 size<br>A3                                 |  |  |  |
|                  |                |    |    |                       | dr                                    | E. KROPIEWICKI                   | 7/31/96                                            |                | dwg no<br>94646                                        |  |  |  |
|                  |                |    |    |                       | enr                                   | T. BREWBAKER                     | 7/31/96                                            |                                                                                                     | type Product Customer Drawing                          |  |  |  |
|                  |                |    |    |                       | chr                                   | T. BREWBAKER                     | 7/31/96                                            |                                                                                                     |                                                        |  |  |  |
|                  |                |    |    |                       | app                                   | T. BREWBAKER                     | 7/31/96                                            |                                                                                                     |                                                        |  |  |  |
| sheet index      | revision sheet |    |    |                       |                                       |                                  |                                                    |                                                                                                     |                                                        |  |  |  |