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PRODUCT NUMBER

XXXX-YYY HTLF

LEAD FREE OPTION  
SEE NOTE 1,8

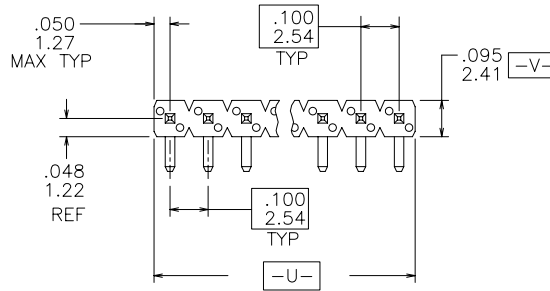
TUBE PACKAGING OPTION  
SEE NOTE 1

HIGH TEMPERATURE PLASTIC  
SEE NOTE 1

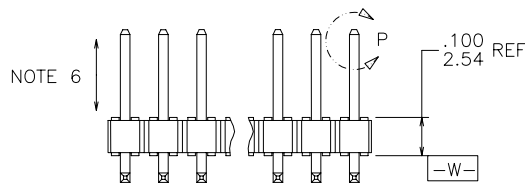
NO OF  
POSITIONS  
SEE NOTE 1

PIN PLATING  
SEE SHEET 2

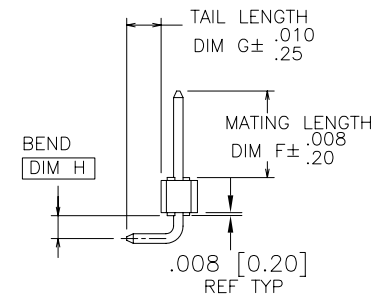
BASE PART NO.



TOP VIEW



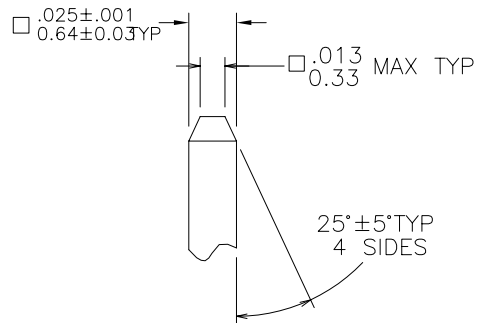
SIDE VIEW



END VIEW

|          |                  |     |   |     |   |     |   |
|----------|------------------|-----|---|-----|---|-----|---|
| $\oplus$ | $\phi .020/0.51$ | (M) | U | (M) | V | (S) | W |
|----------|------------------|-----|---|-----|---|-----|---|

NOTE 4



DETAIL P  
TYP BOTH ENDS

|                                |          |     |    |                       |                                       |                                  |                       |                                                    |  |  |  |
|--------------------------------|----------|-----|----|-----------------------|---------------------------------------|----------------------------------|-----------------------|----------------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTES 2 & 3 |          |     |    | surface<br>ISO 1302 ✓ |                                       | tolerance<br>ISO 406<br>ISO 1101 | projection<br>INCH/MM | product family<br>BERGSTIK                         |  |  |  |
| ltr                            | ecn      | no  | dr | date                  | tolerances unless otherwise specified |                                  | scale 2:1             | title<br>BERGSTIK® II HEADER<br>.100/2.54cc SR R/A |  |  |  |
| AM                             | V20790   | GIP |    | 04/23/02              | angles                                | linear                           |                       | dwg no<br>68015                                    |  |  |  |
| AN                             | V21800   | TAB |    | 12/17/02              |                                       |                                  |                       |                                                    |  |  |  |
| AP                             | M04-0234 | MHT |    | 12/29/04              | 0'±2'                                 |                                  |                       |                                                    |  |  |  |
| AR                             | M05-0072 | MHT |    | 5/03/05               | dr                                    | T.BREWBAKER                      | 01/31/95              | sheet 1 of 4 size<br>A3                            |  |  |  |
| AS                             | M06-0268 | MHT |    | 7/17/06               | enr                                   | T.HANNA                          | 01/31/95              |                                                    |  |  |  |
| AT                             | M06-0346 | MHT |    | 9/04/06               | chr                                   | T.HANNA                          | 01/31/95              |                                                    |  |  |  |
| sheet index                    |          |     |    | revision              | AT                                    | AT                               | AT                    | type Product Customer Drawing                      |  |  |  |
|                                |          |     |    | sheet                 | 1                                     | 2                                | 3                     |                                                    |  |  |  |

| PIN PLATING CODES: |                                                         |
|--------------------|---------------------------------------------------------|
| XXXX-1YY           | 30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni      |
| XXXX-2YY           | 15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni      |
| XXXX-3YY           | 50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni                |
| XXXX-4YY           | 100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10) |
| XXXX-4YYHLF        |                                                         |
| XXXX-5YY           | 15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni      |
| XXXX-6YY           | 30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni      |
| XXXX-7YY           | 30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni                |
| XXXX-8YY           | 15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni                |
| XXXX-9YY           | 15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni               |
| XXXX-0YY           | 30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni               |

#### NOTES

#### ①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

#### HIGH TEMP. MATERIAL:

FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER, AND PCT WILL BE SUPPLIED.

#### NUMBER OF POSITION:

ANY NUMBER OF POSITIONS FROM 1 THRU 36.

#### PACKAGING:

PACKAGED IN POLY BAGS.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

#### LEAD FREE:

ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR -5YY, -5YYH, -6YY & -6YYH.

#### ②. BODY MATERIAL:

MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0.  
COLOR: BLACK.

PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.

③. PIN MATERIAL: PHOS-BRONZE.

④. MEASURED WITH PART IN RESTRAINED CONDITION.

5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.

⑥. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

7. MILITARY BERGSTIK HEADER

P/N XXXXX-YYY-MIL

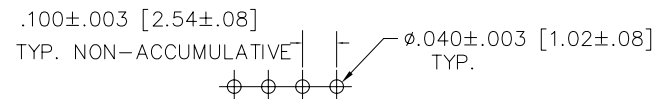
NOT AVAILABLE.

⑧. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑨. PLATING OPTIONS:

MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

⑩. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."



RECOMMENDED HOLE PATTERN

|                                |  |                |  |                                       |  |                                  |  |                                                                                                               |  |                                                    |  |  |  |
|--------------------------------|--|----------------|--|---------------------------------------|--|----------------------------------|--|---------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTES 2 & 3 |  |                |  | surface<br>ISO 1302 ✓                 |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>           |  | product family<br>BERGSTIK                         |  |  |  |
| ltr ecr no dr date             |  |                |  | tolerances unless otherwise specified |  |                                  |  | INCH/MM<br><br>scale 2:1 |  | title<br>BERGSTIK® II HEADER<br>.100/2.54cc SR R/A |  |  |  |
| AT                             |  |                |  | angles                                |  | linear                           |  |                                                                                                               |  |                                                    |  |  |  |
|                                |  |                |  |                                       |  | .XX±.01/0.3                      |  |                                                                                                               |  |                                                    |  |  |  |
|                                |  |                |  |                                       |  | .XXX±.005/0.13                   |  |                                                                                                               |  |                                                    |  |  |  |
|                                |  |                |  | 0'±2'                                 |  | .XXX±.0020/0.051                 |  |                                                                                                               |  |                                                    |  |  |  |
|                                |  |                |  | dr                                    |  | T.BREWBAKER                      |  | 01/31/95                                                                                                      |  | dwg no<br>sheet2 of 4<br>size<br>68015<br>A.       |  |  |  |
|                                |  |                |  | engr                                  |  | T.HANNA                          |  | 01/31/95                                                                                                      |  |                                                    |  |  |  |
|                                |  |                |  | chr                                   |  | T.HANNA                          |  | 01/31/95                                                                                                      |  |                                                    |  |  |  |
|                                |  |                |  | appd                                  |  | T.HANNA                          |  | 01/31/95                                                                                                      |  |                                                    |  |  |  |
| sheet index                    |  | revision sheet |  |                                       |  |                                  |  |                                                                                                               |  | type Product Customer Drawing                      |  |  |  |
|                                |  |                |  |                                       |  |                                  |  |                                                                                                               |  |                                                    |  |  |  |



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| PRODUCT NUMBER | MATING LENGTH |        | TAIL LENGTH |        | BEND DIM |        | PACKAGING       | LF<br>OPTION |
|----------------|---------------|--------|-------------|--------|----------|--------|-----------------|--------------|
|                | DIM F         | DIM F  | DIM G       | DIM G  | DIM H    | DIM H  |                 |              |
|                | ENGLISH       | METRIC | ENGLISH     | METRIC | ENGLISH  | METRIC |                 |              |
| 68015-YYY      | 0.230         | 5.84   | 0.090       | 2.29   | 0.060    | 1.52   | POLY BAGS/TUBES | NOTE 1,8     |
| 68016-YYY      | 0.230         | 5.84   | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS/TUBES |              |
| 68023-YYY      | 0.135         | 3.43   | 0.305       | 7.75   | 0.135    | 3.43   | POLY BAGS       |              |
| 68417-YYY      | 0.230         | 5.84   | 0.390       | 9.91   | 0.060    | 1.52   | POLY BAGS       |              |
| 68423-YYY      | 0.318         | 8.08   | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS/TUBES |              |
| 68458-YYY      | 0.318         | 8.08   | 0.110       | 2.79   | 0.060    | 1.52   | POLY BAGS       |              |
| 68461-YYY      | 0.400         | 10.16  | 0.320       | 8.13   | 0.260    | 6.60   | POLY BAGS       |              |
| 68468-YYY      | 0.230         | 5.84   | 0.195       | 4.95   | 0.160    | 4.06   | POLY BAGS       |              |
| 68488-YYY      | 0.230         | 5.84   | 0.180       | 4.57   | 0.060    | 1.52   | POLY BAGS       |              |
| 68494-YYY      | 0.400         | 10.16  | 0.110       | 2.79   | 0.060    | 1.52   | POLY BAGS       |              |
| 68498-YYY      | 0.230         | 5.84   | 0.220       | 5.59   | 0.160    | 4.06   | POLY BAGS       |              |
| 68626-YYY      | 0.230         | 5.84   | 0.295       | 7.49   | 0.060    | 1.52   | POLY BAGS       |              |
| 68627-YYY      | 0.120         | 3.05   | 0.185       | 4.70   | 0.150    | 3.81   | POLY BAGS       |              |
| 68628-YYY      | 0.230         | 5.84   | 0.590       | 14.99  | 0.060    | 1.52   | POLY BAGS       |              |
| 68641-YYY      | 0.230         | 5.84   | 0.490       | 12.45  | 0.060    | 1.52   | POLY BAGS       |              |
| 68660-YYY      | 0.110         | 2.79   | 0.230       | 5.84   | 0.135    | 3.43   | POLY BAGS       |              |
| 68694-YYY      | 0.600         | 15.24  | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS       |              |
| 68757-YYY      | 0.350         | 8.89   | 0.220       | 5.59   | 0.100    | 2.54   | POLY BAGS       |              |
| 68758-YYY      | 0.275         | 6.99   | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS       |              |
| 68764-YYY      | 0.100         | 2.54   | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS       |              |
| 68782-YYY      | 0.318         | 8.08   | 0.180       | 4.57   | 0.060    | 1.52   | POLY BAGS       |              |
| 68798-YYY      | 0.110         | 2.79   | 0.230       | 5.84   | 0.160    | 4.06   | POLY BAGS       |              |
| 69189-YYY      | 0.310         | 7.87   | 0.250       | 6.35   | 0.060    | 1.52   | POLY BAGS       |              |
| 71270-YYY      | 0.600         | 15.24  | 0.189       | 4.80   | 0.060    | 1.52   | POLY BAGS       |              |
| 72342-YYY      | 0.120         | 3.05   | 0.250       | 6.35   | 0.060    | 1.52   | POLY BAGS       |              |
| 78230-YYY      | 0.310         | 7.87   | 0.330       | 8.38   | 0.060    | 1.52   | POLY BAGS       |              |
| 78231-YYY      | 0.310         | 7.87   | 0.290       | 7.37   | 0.060    | 1.52   | POLY BAGS       | NOTE 1,8     |

|                                |  |                |  |                                       |  |                                                    |  |                |  |                                                    |  |  |  |
|--------------------------------|--|----------------|--|---------------------------------------|--|----------------------------------------------------|--|----------------|--|----------------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTES 2 & 3 |  |                |  | surface<br>ISO 1302 ✓                 |  | tolerance<br>ISO 406<br>ISO 1101                   |  | projection<br> |  | product family<br>BERGSTIK                         |  |  |  |
| ltr ecn no dr date             |  |                |  | tolerances unless otherwise specified |  |                                                    |  |                |  | title<br>BERGSTIK® II HEADER<br>.100/2.54cc SR R/A |  |  |  |
| AT                             |  |                |  | angles                                |  | linear                                             |  | INCH/MM        |  | scale 2:1                                          |  |  |  |
|                                |  |                |  | 0'±2'                                 |  | .XX±.01/0.3<br>.XXX±.005/0.13<br>.XXXX±.0020/0.051 |  |                |  | dwg no<br>68015                                    |  |  |  |
|                                |  |                |  | dr                                    |  | T.BREWBAKER 01/31/95                               |  |                |  | sheet 3 of 4 size<br>A3                            |  |  |  |
|                                |  |                |  | enr                                   |  | T.HANNA 01/31/95                                   |  |                |  | type Product Customer Drawing                      |  |  |  |
|                                |  |                |  | chr                                   |  | T.HANNA 01/31/95                                   |  |                |  |                                                    |  |  |  |
|                                |  |                |  | appd                                  |  | T.HANNA 01/31/95                                   |  |                |  |                                                    |  |  |  |
| sheet index                    |  | revision sheet |  |                                       |  |                                                    |  |                |  |                                                    |  |  |  |



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form: A3

| PRODUCT NUMBER | MATING LENGTH |        | TAIL LENGTH |        | BEND DIM |        | PACKAGING | LF<br>OPTION  |
|----------------|---------------|--------|-------------|--------|----------|--------|-----------|---------------|
|                | DIM F         | DIM F  | DIM G       | DIM G  | DIM H    | DIM H  |           |               |
|                | ENGLISH       | METRIC | ENGLISH     | METRIC | ENGLISH  | METRIC |           |               |
| 78234-YYY      | 0.230         | 5.84   | 0.140       | 3.56   | 0.160    | 4.06   | POLY BAGS | NOTE 1,8<br>↓ |
| 78541-YYY      | 0.318         | 8.08   | 0.080       | 2.03   | 0.060    | 1.52   | POLY BAGS |               |
| 78587-YYY      |               |        | UNAVAILABLE |        |          |        |           |               |
| 78938-YYY      | 0.120         | 3.05   | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS |               |
| 78955-YYY      | 0.075         | 1.91   | 0.090       | 2.29   | 0.060    | 1.52   | POLY BAGS |               |
| 78978-YYY      | 0.120         | 3.05   | 0.318       | 8.08   | 0.135    | 3.43   | POLY BAGS |               |
| 79409-YYY      |               |        | UNAVAILABLE |        |          |        |           |               |
| 84846-YYYH     | 0.140         | 3.56   | 0.290       | 7.37   | 0.153    | 3.89   | POLY BAGS |               |
| 84917-YYYH     | 0.090         | 2.29   | 0.195       | 4.95   | 0.190    | 4.83   | POLY BAGS |               |
| 84935-YYYH     | 0.450         | 11.43  | 0.320       | 8.13   | 0.260    | 6.60   | POLY BAGS |               |
| 84936-YYYH     | 0.350         | 8.89   | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS |               |
| 87532-YYYH     | 0.230         | 5.84   | 0.890       | 22.61  | 0.060    | 1.52   | POLY BAGS |               |
| 88813-YYY      | 0.230         | 5.84   | 0.085       | 2.16   | 0.060    | 1.52   | POLY BAGS |               |
| 92050-YYY      | 0.162         | 4.11   | 0.120       | 3.05   | 0.060    | 1.52   | POLY BAGS |               |
| 92632-YYY      | 0.100         | 2.54   | 0.318       | 8.08   | 0.060    | 1.52   | POLY BAGS |               |
| 92909-YYY      | 0.400         | 10.16  | 0.220       | 5.59   | 0.060    | 1.52   | POLY BAGS |               |
| 94099-YYY      | 0.157         | 3.99   | 0.090       | 2.29   | 0.060    | 1.52   | POLY BAGS |               |
| 94529-YYYH     | 0.120         | 3.05   | 0.295       | 7.49   | 0.135    | 3.43   | POLY BAGS |               |
| 94671-YYYH     | 0.090         | 2.29   | 0.085       | 2.16   | 0.180    | 4.57   | POLY BAGS |               |
| 95653-YYYH     | 0.330         | 8.38   | 0.310       | 7.87   | 0.160    | 4.06   | POLY BAGS |               |
| 95666-YYYH     | 0.230         | 5.84   | 0.145       | 3.68   | 0.060    | 1.52   | POLY BAGS |               |

|                                |  |                |  |                                       |  |                                                    |  |                                                                                                     |  |                                           |  |                          |  |      |  |
|--------------------------------|--|----------------|--|---------------------------------------|--|----------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|--------------------------|--|------|--|
| mat'l. code<br>SEE NOTES 2 & 3 |  |                |  | surface<br>ISO 1302 ✓                 |  | tolerance<br>ISO 406<br>ISO 1101                   |  | projection<br> |  | product family<br>BERGSTIK                |  |                          |  |      |  |
| ltr ecn no dr date             |  |                |  | tolerances unless otherwise specified |  |                                                    |  |                                                                                                     |  | title                                     |  |                          |  |      |  |
| AT                             |  |                |  | angles                                |  | linear                                             |  | INCH/MM                                                                                             |  | BERGSTIK® II HEADER<br>.100/2.54cc SR R/A |  |                          |  |      |  |
|                                |  |                |  |                                       |  | .XX±.01/0.3<br>.XXX±.005/0.13<br>.XXXX±.0020/0.051 |  | scale 2:1                                                                                           |  |                                           |  |                          |  |      |  |
|                                |  |                |  | dr                                    |  | T.BREWBAKER                                        |  | 01/31/95                                                                                            |  | dwg no                                    |  | sheet4 of 4              |  | size |  |
|                                |  |                |  | enr                                   |  | T.HANNA                                            |  | 01/31/95                                                                                            |  | 68015                                     |  |                          |  | A3   |  |
|                                |  |                |  | chr                                   |  | T.HANNA                                            |  | 01/31/95                                                                                            |  |                                           |  |                          |  |      |  |
|                                |  |                |  | appd                                  |  | T.HANNA                                            |  | 01/31/95                                                                                            |  | type                                      |  | Product Customer Drawing |  |      |  |
| sheet index                    |  | revision sheet |  |                                       |  |                                                    |  |                                                                                                     |  |                                           |  |                          |  |      |  |