

NOTES

① FOR PRODUCT GEOMETRIC AND GENERAL INFORMATION SEE DWG 93197.

NUMBER OF POSITION:  
ANY NUMBER OF POSITIONS FROM 1 THRU 36.

PACKAGING:  
PACKAGED IN POLYBAGS.

LEAD FREE:  
ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

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

②. 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.

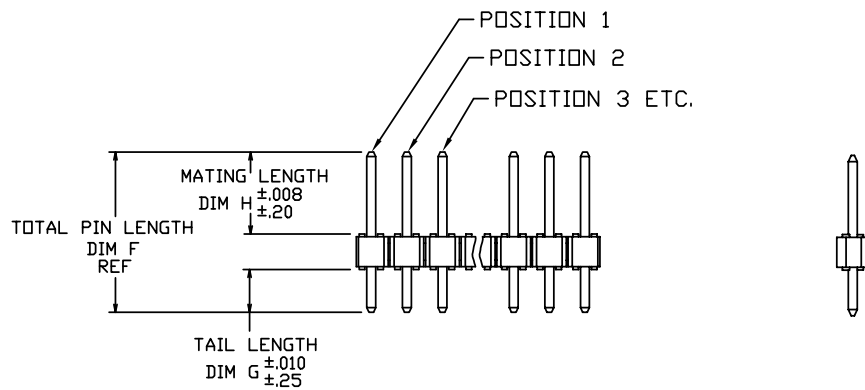
PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.

③. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

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

⑤. PLATING OPTIONS: PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

⑥. APPLY TOLERANCE ±.005 IN TAIL LENGTH FOR PART NUMBERS 68448-243HLF & 68448-244HLF



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| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| DK  | M06-0435 | MHT | 10/31/06   |
| DL  | M06-0502 | MHT | 12/19/06   |
| DM  | M07-0258 | MHT | 6/05/07    |
| DN  | M07-0328 | AGS | 7/17/07    |
| DP  | M07-0434 | MHT | 10/02/07   |
| DR  | M08-0269 | MHT | 9/30/08    |
| DS  | N11-0118 | J.Z | 2011-04-12 |

|                                       |             |  |                                   |                        |              |
|---------------------------------------|-------------|--|-----------------------------------|------------------------|--------------|
| www.fciconnect.com                    |             | surface 6.4<br>ISO 1302                        | tolerance std<br>ISO 406 ISO 1101 | projection<br>ISO 1101 | INCH/MM      |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |             | ANGULAR  | LINEAR                            | size A4                | Scale 1.000  |
| Dr                                    | T.BREWBAKER | 12/19/94                                       | 0.X                               | ±0.3                   | ECN N11-0118 |
| Eng                                   | T.HANNA     | 12/19/94                                       | 0.XX                              | ±0.15                  |              |
| Chr                                   | T.HANNA     | 12/19/94                                       | 0.XXX                             | ±0.05                  | Spec ref     |
| Appr                                  | T.HANNA     | 12/19/94                                       | Product family BERGSTIK           |                        |              |
| FCI                                   |             | title BERGSTIK® II HDR.<br>S/R PDL .100/2.54cc |                                   | dwg no 68448           | Rev. DS      |
| catalog no                            |             | CUSTOMER                                       |                                   | sheet 1 of 10          |              |

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| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH |         | MATING LENGTH |         | PIN PLATING<br>CODE | POLARIZED<br>POSITIONS | LF<br>OPTION   |          |
|----------------|----------------|---------|-------------|---------|---------------|---------|---------------------|------------------------|----------------|----------|
|                | NO. OF         | DIM F   | DIM F       | DIM G   | DIM G         | DIM H   |                     |                        |                | DIM H    |
|                | POS            | ENGLISH | METRIC      | ENGLISH | METRIC        | ENGLISH |                     |                        |                | METRIC   |
| 68448-001      | 9              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 1                      | 4              | NOTE 1,3 |
| 68448-002      | 10             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 4                      | 2              |          |
| 68448-003      | 14             | 0.548   | 13.92       | 0.130   | 3.30          | 0.318   | 8.08                | 2                      | 6              |          |
| 68448-004      | 16             | 0.480   | 12.19       | 0.150   | 3.81          | 0.230   | 5.84                | 1                      | 14             |          |
| 68448-005      | 16             | 0.480   | 12.19       | 0.150   | 3.81          | 0.230   | 5.84                | 1                      | 2.5            |          |
| 68448-006      | 8              | 0.480   | 12.19       | 0.150   | 3.81          | 0.230   | 5.84                | 1                      | 2              |          |
| 68448-007      | 4              | 0.480   | 12.19       | 0.150   | 3.81          | 0.230   | 5.84                | 1                      | 2              |          |
| 68448-008      | 20             | 0.480   | 12.19       | 0.150   | 3.81          | 0.230   | 5.84                | 1                      | 6              |          |
| 68448-009      | 5              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 4                      | 2.4            |          |
| 68448-010      | 5              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                      | 2.4            |          |
| 68448-011      | 4              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 4                      | 2              |          |
| 68448-012      | 8              | 0.621   | 15.77       | 0.203   | 5.16          | 0.318   | 8.08                | 2                      | 2              |          |
| 68448-013      | 7              | 0.621   | 15.77       | 0.203   | 5.16          | 0.318   | 8.08                | 2                      | 3              |          |
| 68448-014      | 32             | 0.621   | 15.77       | 0.203   | 5.16          | 0.318   | 8.08                | 2                      | 2.5.9.20.26.31 |          |
| 68448-015      | 5              | 0.718   | 18.24       | 0.388   | 9.86          | 0.230   | 5.84                | 1                      | 2              |          |
| 68448-016      | 17             | 0.708   | 17.98       | 0.473   | 12.01         | 0.135   | 3.43                | 4                      | 9              |          |
| 68448-017      | 10             | 0.708   | 17.98       | 0.473   | 12.01         | 0.135   | 3.43                | 4                      | 5              |          |
| 68448-018      | 12             | 0.621   | 15.77       | 0.203   | 5.16          | 0.318   | 8.08                | 2                      | 6              |          |
| 68448-019      | 18             | 0.913   | 23.19       | 0.213   | 5.41          | 0.600   | 15.24               | 1                      | 2.8.10.12      |          |
| 68448-020      | 11             | 0.543   | 13.79       | 0.213   | 5.41          | 0.230   | 5.84                | 1                      | 2.5            |          |
| 68448-021      | 8              | 0.925   | 23.50       | 0.128   | 3.25          | 0.697   | 17.70               | 1                      | 2              |          |
| 68448-022      | 6              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 1                      | 2              |          |
| 68448-023      | 3              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                      | 2              |          |
| 68448-024      | 6              | 0.395   | 10.03       | 0.095   | 2.41          | 0.200   | 5.08                | 1                      | 3              |          |
| 68448-025      | 8              | 0.395   | 10.03       | 0.095   | 2.41          | 0.200   | 5.08                | 1                      | 3              |          |
| 68448-026      | 7              | 0.513   | 13.03       | 0.183   | 4.65          | 0.230   | 5.84                | 1                      | 3              |          |
| 68448-027      | 6              | 0.513   | 13.03       | 0.183   | 4.65          | 0.230   | 5.84                | 1                      | 2              |          |
|                |                |         |             |         |               |         |                     |                        |                | NOTE 1,3 |



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|                    |   |          |   |                                   |                |               |              |             |
|--------------------|---|----------|---|-----------------------------------|----------------|---------------|--------------|-------------|
| www.fciconnect.com |   |          | surface<br>ISO 1302 <input checked="" type="checkbox"/> | tolerance std<br>ISO 406 ISO 1101 | projection<br> | INCH/MM<br>   |              |             |
|                    |   |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                   |                                   |                |               |              |             |
| Dr                 | T.BREWBAKER                                     | 12/19/94 | ANGULAR   | LINEAR                            | 0.X            | ±0.3          | size A4      | Scale 1.000 |
| Eng                | T.HANNA   | 12/19/94 |   |                                   | 0.XX           | ±0.15         | ECN N11-0118 | Spec ref    |
| Chr                | T.HANNA   | 12/19/94 | 0°  | ±2°                               | 0.XXX          | ±0.05         |              |             |
| Appr               | T.HANNA   | 12/19/94 | Product family BERGSTIK                                 |                                   |                |               |              |             |
|                    | title BERGSTIK® II HDR.<br>S/R PDL. .100/2.54cc |          |   |                                   | dwg no 68448   | Rev. DS       |              |             |
| catalog no         |   |          |   | CUSTOMER                          |                | sheet 2 of 10 |              |             |

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STATUS Released 4 Printed: Apr 20, 2011

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| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH |         | MATING LENGTH |         | PIN PLATING<br>CODE | POLARIZED<br>POSITION | LF<br>OPTION |          |
|----------------|----------------|---------|-------------|---------|---------------|---------|---------------------|-----------------------|--------------|----------|
|                | NO. OF         | DIM F   | DIM F       | DIM G   | DIM G         | DIM H   |                     |                       |              | DIM H    |
|                | POS            | ENGLISH | METRIC      | ENGLISH | METRIC        | ENGLISH |                     |                       |              | METRIC   |
| 68448-028      | 12             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                     | 2            | NOTE 1,3 |
| 68448-029      | 10             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                     | 2            |          |
| 68448-030      | 8              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                     | 2            |          |
| 68448-031      | 5              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                     | 2            |          |
| 68448-032      | 4              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                     | 2            |          |
| 68448-033      | 6              | 0.513   | 13.03       | 0.183   | 4.65          | 0.230   | 5.84                | 1                     | 3            |          |
| 68448-034      | 6              | 0.587   | 14.91       | 0.120   | 3.05          | 0.367   | 9.32                | 4                     | 2            |          |
| 68448-035      | 5              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 1                     | 2            |          |
| 68448-036      | 6              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 1                     | 3            |          |
| 68448-037      | 4              | 0.543   | 13.79       | 0.213   | 5.41          | 0.230   | 5.84                | 4                     | 2            |          |
| 68448-038      | 10             | 0.548   | 13.92       | 0.130   | 3.30          | 0.318   | 8.08                | 2                     | 4            |          |
| 68448-039      | 4              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 1                     | 2            |          |
| 68448-040      | 4              | 0.513   | 13.03       | 0.183   | 4.65          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-041      | 12             | 0.513   | 13.03       | 0.183   | 4.65          | 0.230   | 5.84                | 1                     | 2            |          |
| 68448-042      | 4              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-043      | 5              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-044      | 6              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-045      | 8              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-046      | 10             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-047      | 12             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-048      | 14             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-049      | 16             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-050      | 20             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-051      | 24             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 2            |          |
| 68448-052      | 12             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 3            |          |
| 68448-053      | 16             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 3            |          |
| 68448-054      | 32             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 3                     | 6.15.30      | NOTE 1,3 |



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|--------------------|-------------|----------|---------------------------------------|-------------------------------------|---|----------------|---------------|-------------|------------|
| www.fciconnect.com |             |          | surface<br>ISO 1302                   | <input checked="" type="checkbox"/> | tolerance std<br>ISO 406 ISO 1101         | projection<br> | INCH/MM<br>←→ |             |            |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |                                     |   |                |               |             |            |
| Dr                 | T.BREWBAKER | 12/19/94 | ANGULAR                               | LINEAR                              | 0.X                                       | ±0.3           | size A4       | Scale 1.000 |            |
| Eng                | T.HANNA     | 12/19/94 |                                       |                                     | 0.XX                                      | ±0.15          | ECN N11-0118  | Spec ref    |            |
| Chr                | T.HANNA     | 12/19/94 | 0°                                    | ±2°                                 | 0.XXX                                     | ±0.05          |               |             |            |
| Appr               | T.HANNA     | 12/19/94 | Product family                        |                                     | BERGSTIK                                  |                |               |             |            |
|                    | title       |          |                                       |                                     | BERGSTIK® II HDR.<br>S/R PDL. .100/2.54cc |                | dwg no        | 68448       | Rev.<br>DS |
| catalog no         |             |          | CUSTOMER                              |                                     |   |                | sheet 3 of 10 |             |            |

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| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH                   |         | MATING LENGTH |         | PIN PLATING | POLARIZED | LF<br>OPTION |          |
|----------------|----------------|---------|-------------------------------|---------|---------------|---------|-------------|-----------|--------------|----------|
|                | NO. OF         | DIM F   | DIM F                         | DIM G   | DIM G         | DIM H   |             |           |              | DIM H    |
|                | POS            | ENGLISH | METRIC                        | ENGLISH | METRIC        | ENGLISH |             |           |              | METRIC   |
| 68448-055      | 4              | 0.450   | 11.43                         | 0.120   | 3.05          | 0.230   | 5.84        | 2         | 2            | NOTE 1,3 |
| 68448-056      | 8              | 0.450   | 11.43                         | 0.120   | 3.05          | 0.230   | 5.84        | 3         | 2            |          |
| 68448-057      | 8              | 0.450   | 11.43                         | 0.120   | 3.05          | 0.230   | 5.84        | 3         | 3            |          |
| 68448-058      | 10             | 0.450   | 11.43                         | 0.120   | 3.05          | 0.230   | 5.84        | 3         | 2            |          |
| 68448-059      | 10             | 0.450   | 11.43                         | 0.120   | 3.05          | 0.230   | 5.84        | 3         | 3            |          |
| 68448-060      | 12             | 0.450   | 11.43                         | 0.120   | 3.05          | 0.230   | 5.84        | 3         | 5            |          |
| 68448-061      | 12             | 0.450   | 11.43                         | 0.120   | 3.05          | 0.230   | 5.84        | 3         | 6            |          |
| 68448-062      | 6              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 3         | 2.4          |          |
| 68448-063      | 7              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 3         | 2.4          |          |
| 68448-064      | 16             | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 3            |          |
| 68448-065      | 16             | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 2.5          |          |
| 68448-066      | 16             | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 2.4.14       |          |
| 68448-067      | 20             | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 7            |          |
| 68448-068      | 16             | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 4            |          |
| 68448-069      | 8              | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 2            |          |
| 68448-070      | 20             | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 4.5.7.8      |          |
| 68448-071      | 4              | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 2            |          |
| 68448-072      | 20             | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 2         | 6            |          |
| 68448-073      | 3              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 1         | 2            |          |
| 68448-074      | 6              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 1         | 2            |          |
| 68448-075      | 6              | 0.480   | 12.19                         | 0.150   | 3.81          | 0.230   | 5.84        | 1         | 3            |          |
| 68448-076      | 5              | 0.513   | 13.03                         | 0.183   | 4.65          | 0.230   | 5.84        | 3         | 2            |          |
| 68448-077      | 4              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 3         | 2            |          |
| 68448-078      |                |         | NOT AVAILABLE - SUPERSEDED BY |         |               |         |             | 68448-045 |              |          |
| 68448-079      | 4              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 4         | 2            |          |
| 68448-080      | 4              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2            |          |
| 68448-081      | 4              | 0.425   | 10.80                         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2            | NOTE 1,3 |



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|--------------------|-------------|----------|--|-------------------------------------|-----------------------------------|-----------------|--------------|---------------|
| www.fciconnect.com |             |          | surface<br>ISO 1302                                | <input checked="" type="checkbox"/> | tolerance std<br>ISO 406 ISO 1101 | projection<br>  | INCH/MM<br>  |               |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED              |                                     |                                   |                 |              |               |
| Dr                 | T.BREWBAKER | 12/19/94 | ANGULAR  | LINEAR                              | 0.X                               | ±0.3            | size A4      | Scale 1.000   |
| Eng                | T.HANNA     | 12/19/94 |  |                                     | 0.XX                              | ±0.15           | ECN N11-0118 | Spec ref      |
| Chr                | T.HANNA     | 12/19/94 | 0°   | ±2°                                 | 0.XXX                             | ±0.05           |              |               |
| Appr               | T.HANNA     | 12/19/94 | Product family                                     |                                     | BERGSTIK                          |                 |              |               |
|                    |             |          | title<br>BERGSTIK® II HDR.<br>S/R PDL. .100/2.54cc |                                     |                                   | dwg no<br>68448 |              | Rev.<br>DS    |
|                    |             |          | catalog no   |                                     |                                   | CUSTOMER        |              | sheet 4 of 10 |

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| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH   |         | MATING LENGTH |         | PIN PLATING | POLARIZED | LF OPTION |          |
|----------------|----------------|---------|---------------|---------|---------------|---------|-------------|-----------|-----------|----------|
|                | NO. OF         | DIM F   | DIM F         | DIM G   | DIM G         | DIM H   |             |           |           | DIM H    |
|                | POS            | ENGLISH | METRIC        | ENGLISH | METRIC        | ENGLISH |             |           |           | METRIC   |
| 68448-082      | 5              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 4         | 2         | NOTE 1,3 |
| 68448-083      | 5              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-084      | 5              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-085      | 6              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 4         | 2         |          |
| 68448-086      | 6              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-087      | 6              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-088      | 7              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 4         | 2         |          |
| 68448-089      | 7              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-090      | 7              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-091      | 36             | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84        | 1         | ALL EVEN  |          |
| 68448-092      | 6              | 0.510   | 12.95         | 0.180   | 4.57          | 0.230   | 5.84        | 1         | 3         |          |
| 68448-093      | 6              | 0.480   | 12.19         | 0.150   | 3.81          | 0.230   | 5.84        | 1         | 2         |          |
| 68448-094      | 12             | 0.480   | 12.19         | 0.150   | 3.81          | 0.230   | 5.84        | 1         | 2         |          |
| 68448-095      | 9              | 0.555   | 14.10         | 0.225   | 5.72          | 0.230   | 5.84        | 1         | 2         |          |
| 68448-096      | 7              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 4         | 3.4.6     |          |
| 68448-097      | 9              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84        | 1         | 2         |          |
| 68448-098      | 5              | 0.525   | 13.34         | 0.107   | 2.72          | 0.318   | 8.08        | 4         | 2.3       |          |
| 68448-099      | 12             | 0.548   | 13.92         | 0.130   | 3.30          | 0.318   | 8.08        | 2         | 6         |          |
| 68448-100      | 4              | 0.455   | 11.56         | 0.125   | 3.18          | 0.230   | 5.84        | 1         | 2         |          |
| 68448-101      | 9              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-102      | 9              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84        | 2         | 2         |          |
| 68448-103      | 5              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84        | 1         | 2.4       |          |
| 68448-104      |                |         | NOT AVAILABLE |         |               |         |             |           |           |          |
| 68448-105      | 8              | 0.548   | 13.92         | 0.130   | 3.30          | 0.318   | 8.08        | 4         | 2         |          |
| 68448-106      |                |         | NOT AVAILABLE |         |               |         |             |           |           |          |
| 68448-107      |                |         | NOT AVAILABLE |         |               |         |             |           |           |          |
| 68448-108      |                |         | NOT AVAILABLE |         |               |         |             |           |           |          |

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|--------------------|-------------|----------|---|-------------------------------------|-----------------------------------|-----------------|---------------|
| www.fciconnect.com |             |          | surface<br>ISO 1302                               | <input checked="" type="checkbox"/> | tolerance std<br>ISO 406 ISO 1101 | projection<br>  | INCH/MM<br>←→ |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED             |                                     |                                   |                 |               |
| Dr                 | T.BREWBAKER | 12/19/94 | ANGULAR   | LINEAR                              | 0.X                               | ±0.3            | size A4       |
| Eng                | T.HANNA     | 12/19/94 |   |                                     | 0.XX                              | ±0.15           | Scale 1.000   |
| Chr                | T.HANNA     | 12/19/94 | 0°  | ±2°                                 | 0.XXX                             | ±0.05           | ECN N11-0118  |
| Appr               | T.HANNA     | 12/19/94 | Product family                                    |                                     | BERGSTIK                          | Spec ref        |               |
|                    |             |          | title<br>BERGSTIK® II HDR.<br>S/R PDL .100/2.54cc |                                     |                                   | dwg no<br>68448 |               |
|                    |             |          | catalog no  |                                     |                                   | CUSTOMER        |               |
|                    |             |          |   |                                     |                                   | sheet 5 of 10   |               |

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| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH   |         | MATING LENGTH |         | PIN PLATING<br>CODE | POLARIZED<br>POSITION | LF<br>OPTION |        |
|----------------|----------------|---------|---------------|---------|---------------|---------|---------------------|-----------------------|--------------|--------|
|                | NO. OF         | DIM F   | DIM F         | DIM G   | DIM G         | DIM H   |                     |                       |              | DIM H  |
|                | POS            | ENGLISH | METRIC        | ENGLISH | METRIC        | ENGLISH |                     |                       |              | METRIC |
| 68448-109      |                |         | NOT AVAILABLE |         |               |         |                     |                       | NOTE 1,3     |        |
| 68448-110      |                |         | NOT AVAILABLE |         |               |         |                     |                       |              |        |
| 68448-111      |                |         | NOT AVAILABLE |         |               |         |                     |                       |              |        |
| 68448-112      | 3              | 0.480   | 12.19         | 0.150   | 3.81          | 0.230   | 5.84                | 1                     |              | 2      |
| 68448-113      | 5              | 0.480   | 12.19         | 0.150   | 3.81          | 0.230   | 5.84                | 1                     |              | 2.4    |
| 68448-114      |                |         | NOT AVAILABLE |         |               |         |                     |                       |              |        |
| 68448-115      |                |         | NOT AVAILABLE |         |               |         |                     |                       |              |        |
| 68448-116      | 3              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 3                     |              | 2      |
| 68448-117      | 6              | 0.538   | 13.67         | 0.120   | 3.05          | 0.318   | 8.08                | 1                     |              | 2      |
| 68448-118      | 18             | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 1                     |              | 7      |
| 68448-119      |                |         | NOT AVAILABLE |         |               |         |                     |                       |              |        |
| 68448-120      |                |         | NOT AVAILABLE |         |               |         |                     |                       |              |        |
| 68448-121      | 3              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 1                     |              | 2      |
| 68448-122      | 10             | 0.538   | 13.67         | 0.120   | 3.05          | 0.318   | 8.08                | 4                     |              | 2      |
| 68448-123      | 3              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 2                     |              | 2      |
| 68448-124      | 4              | 0.751   | 19.08         | 0.333   | 8.46          | 0.318   | 8.08                | 4                     | 2            |        |
| 68448-125      | 7              | 0.751   | 19.08         | 0.333   | 8.46          | 0.318   | 8.08                | 4                     | 3            |        |
| 68448-126      |                |         | NOT AVAILABLE |         |               |         |                     |                       |              |        |
| 68448-127      | 18             | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 1                     | 7            |        |
| 68448-128      | 16             | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 2                     | 3            |        |
| 68448-129      | 9              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84                | 1                     | 2.4.6.8      |        |
| 68448-130      | 5              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 2                     | 2            |        |
| 68448-131      | 5              | 0.450   | 11.43         | 0.120   | 3.05          | 0.230   | 5.84                | 2                     | 2            |        |
| 68448-132      | 5              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84                | 4                     | 1            |        |
| 68448-133      | 17             | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84                | 4                     | 3            |        |
| 68448-134      | 8              | 0.425   | 10.80         | 0.095   | 2.41          | 0.230   | 5.84                | 4                     | 2            |        |
| 68448-135      | 4              | 0.588   | 14.94         | 0.170   | 4.32          | 0.318   | 8.08                | 1                     | 2.3          |        |
|                |                |         |               |         |               |         |                     |                       | NOTE 1,3     |        |



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|--------------------|-------------|----------|---------------------------------------|-------------------------------------|---|----------------|-------------|-------------|------------|
| www.fciconnect.com |             |          | surface<br>ISO 1302                   | <input checked="" type="checkbox"/> | tolerance std<br>ISO 406 ISO 1101         | projection<br> | INCH/MM<br> |             |            |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |                                     |   |                |             |             |            |
| Dr                 | T.BREWBAKER | 12/19/94 | ANGULAR                               | LINEAR                              | 0.X                                       | ±0.3           | size A4     | Scale 1.000 |            |
| Eng                | T.HANNA     | 12/19/94 |                                       |                                     | 0.XX                                      | ±0.15          |             |             |            |
| Chr                | T.HANNA     | 12/19/94 |                                       |                                     | 0.XXX                                     | ±0.05          | ECN         | N11-0118    |            |
| Appr               | T.HANNA     | 12/19/94 | Product family                        |                                     | BERGSTIK                                  | Spec ref       |             |             |            |
|                    | title       |          |                                       |                                     | BERGSTIK® II HDR.<br>S/R PDL. .100/2.54cc |                | dwg no      | 68448       | Rev.<br>DS |
| catalog no         |             |          | CUSTOMER                              |                                     |   | sheet 6 of 10  |             |             |            |

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PDM: Rev:DS

STATUS Released 4 Printed: Apr 20, 2011

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| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH |         | MATING LENGTH |         | PIN PLATING | POLARIZED | LF OPTION   |          |
|----------------|----------------|---------|-------------|---------|---------------|---------|-------------|-----------|-------------|----------|
|                | NO. OF         | DIM F   | DIM F       | DIM G   | DIM G         | DIM H   |             |           |             | DIM H    |
|                | POS            | ENGLISH | METRIC      | ENGLISH | METRIC        | ENGLISH |             |           |             | METRIC   |
| 68448-136      | 4              | 0.538   | 13.67       | 0.120   | 3.05          | 0.318   | 8.08        | 2         | 2           | NOTE 1,3 |
| 68448-137      | 6              | 0.568   | 14.43       | 0.150   | 3.81          | 0.318   | 8.08        | 1         | 2.3.4.5     |          |
| 68448-138      | 5              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 3         | 2           |          |
| 68448-139      | 7              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84        | 4         | 5           |          |
| 68448-140      | 9              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 1         | 2           |          |
| 68448-141      | 6              | 0.538   | 13.67       | 0.120   | 3.05          | 0.318   | 8.08        | 1         | 3.5         |          |
| 68448-142      | 6              | 0.538   | 13.67       | 0.120   | 3.05          | 0.318   | 8.08        | 1         | 1.5         |          |
| 68448-143      | 24             | 0.555   | 14.10       | 0.120   | 3.05          | 0.335   | 8.51        | 4         | 7.9.16.18   |          |
| 68448-144      | 8              | 0.513   | 13.03       | 0.095   | 2.41          | 0.318   | 8.08        | 4         | 6           |          |
| 68448-145      | 7              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 4         | 2.4.6       |          |
| 68448-146      | 3              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84        | 4         | 2           |          |
| 68448-147      | 3              | 0.538   | 13.67       | 0.120   | 3.05          | 0.318   | 8.08        | 2         | 1           |          |
| 68448-148      | 3              | 0.538   | 13.67       | 0.120   | 3.05          | 0.318   | 8.08        | 2         | 2           |          |
| 68448-149      | 10             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 4         | 3.4.5.6.7.8 |          |
| 68448-150      | 12             | 0.543   | 13.79       | 0.125   | 3.18          | 0.318   | 8.08        | 2         | 7           |          |
| 68448-151      | 4              | 0.538   | 13.67       | 0.120   | 3.05          | 0.318   | 8.08        | 4         | 2           |          |
| 68448-152      | 12             | 0.538   | 13.67       | 0.120   | 3.05          | 0.318   | 8.08        | 4         | 10          |          |
| 68448-153      | 8              | 0.820   | 20.83       | 0.130   | 3.30          | 0.590   | 14.99       | 4         | 2.4.6.7     |          |
| 68448-154      | 4              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 2         | 2           |          |
| 68448-155      | 6              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 2         | 3           |          |
| 68448-156      | 7              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 2         | 3           |          |
| 68448-157      | 14             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 2         | 2           |          |
| 68448-158      | 8              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 4         | 5.7         |          |
| 68448-159      | 11             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 4         | 7           |          |
| 68448-160      | 12             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 4         | 9           |          |
| 68448-161      | 12             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 4         | 4           |          |
| 68448-162      | 14             | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84        | 4         | 13          | NOTE 1,3 |



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|--------------------|-------------|----------|---|-----------------------------------|----------------|--------------|--------------|---------------|
| www.fciconnect.com |             |          | surface<br>ISO 1302 <input checked="" type="checkbox"/> | tolerance std<br>ISO 406 ISO 1101 | projection<br> | INCH/MM<br>  |              |               |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                   |                                   |                |              |              |               |
| Dr                 | T.BREWBAKER | 12/19/94 | ANGULAR   | LINEAR                            | 0.X            | ±0.3         | size A4      | Scale 1.000   |
| Eng                | T.HANNA     | 12/19/94 |   |                                   | 0.XX           | ±0.15        |              |               |
| Chr                | T.HANNA     | 12/19/94 | 0°  | ±2°                               | 0.XXX          | ±0.05        | ECN N11-0118 |               |
| Appr               | T.HANNA     | 12/19/94 | Product family BERGSTIK                                 |                                   | Spec ref       |              |              |               |
|                    |             |          | title BERGSTIK® II HDR.<br>S/R PDL. .100/2.54cc         |                                   |                | dwg no 68448 |              | Rev. DS       |
|                    |             |          | catalog no  |                                   |                | CUSTOMER     |              | sheet 7 of 10 |

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PDM: Rev:DS

STATUS Released 4 Printed: Apr 20, 2011

| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH                             |         | MATING LENGTH |         | PIN PLATING | POLARIZED POSITION | LF OPTION                        |          |
|----------------|----------------|---------|---|---------|---------------|---------|-------------|--------------------|----------------------------------|----------|
|                | NO. OF         | DIM F   | DIM F                                   | DIM G   | DIM G         | DIM H   |             |                    |                                  | DIM H    |
|                | POS            | ENGLISH | METRIC                                  | ENGLISH | METRIC        | ENGLISH |             |                    |                                  | METRIC   |
| 68448-163      | 7              | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 2                                | NOTE 1,3 |
| 68448-164      |                |         | NOT AVAILABLE - SUPERSEDED BY 68448-156 |         |               |         |             |                    |                                  |          |
| 68448-165      | 7              | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 4                                |          |
| 68448-166      | 14             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 5                                |          |
| 68448-167      | 15             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 3                                |          |
| 68448-168      | 14             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 5.11                             |          |
| 68448-169      | 9              | 0.350   | 8.89                                    | 0.120   | 3.05          | 0.130   | 3.30        | 1                  | 2                                |          |
| 68448-170      | 5              | 0.548   | 13.92                                   | 0.130   | 3.30          | 0.318   | 8.08        | 4                  | 2.3.4                            |          |
| 68448-171      | 15             | 0.470   | 11.94                                   | 0.100   | 2.54          | 0.270   | 6.86        | 2                  | 2                                |          |
| 68448-172      | 10             | 0.438   | 11.13                                   | 0.120   | 3.05          | 0.218   | 5.54        | 1                  | 10                               |          |
| 68448-173      | 6              | 0.438   | 11.13                                   | 0.120   | 3.05          | 0.218   | 5.54        | 1                  | 3                                |          |
| 68448-174      | 6              | 0.438   | 11.13                                   | 0.120   | 3.05          | 0.218   | 5.54        | 1                  | 1                                |          |
| 68448-175      | 12             | 0.538   | 13.67                                   | 0.120   | 3.05          | 0.318   | 8.08        | 4                  | 2.4.6.7.9.11                     |          |
| 68448-176      | 21             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 1                  | 14                               |          |
| 68448-177      | 18             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 17                               |          |
| 68448-178      | 10             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 6                                |          |
| 68448-179      | 36             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 4                  | 3.6.9.12.15.18.21.24.27.30.33.36 |          |
| 68448-180      | 36             | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 4                  | ALL EVEN                         |          |
| 68448-181H     | 5              | 0.503   | 12.78                                   | 0.085   | 2.16          | 0.318   | 8.08        | 1                  | 2.3.4                            |          |
| 68448-182      | 3              | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 2                                |          |
| 68448-183H     | 6              | 0.415   | 10.54                                   | 0.085   | 2.16          | 0.230   | 5.84        | 4                  | 2.3.4                            |          |
| 68448-184      | 8              | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 6                                |          |
| 68448-185H     | 13             | 1.030   | 26.16                                   | 0.090   | 2.29          | 0.840   | 21.34       | 4                  | 2.4.6.8.10.12                    |          |
| 68448-186H     | 4              | 0.538   | 13.67                                   | 0.120   | 3.05          | 0.318   | 8.08        | 2                  | 2.3                              |          |
| 68448-187H     | 7              | 0.450   | 11.43                                   | 0.120   | 3.05          | 0.230   | 5.84        | 2                  | 2.3.5.6                          |          |
| 68448-188H     | 20             | 0.720   | 18.29                                   | 0.120   | 3.05          | 0.500   | 12.70       | 1                  | 4.5.6.15.16.17                   |          |
| 68448-189H     | 9              | 0.455   | 11.56                                   | 0.125   | 3.18          | 0.230   | 5.84        | 1                  | 2                                | NOTE 1,3 |



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|--------------------|-------------|----------|--|--------------------------------|--------------|---------|---------------|
| www.fciconnect.com |             |          | surface ISO 1302 <input checked="" type="checkbox"/> | tolerance std ISO 406 ISO 1101 | projection   | INCH/MM |               |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                |                                |              |         |               |
| Dr                 | T.BREWBAKER | 12/19/94 | ANGULAR  | LINEAR                         | 0.X          | ±0.3    | size A4       |
| Eng                | T.HANNA     | 12/19/94 |  |                                | 0.XX         | ±0.15   |               |
| Chr                | T.HANNA     | 12/19/94 |  |                                | 0.XXX        | ±0.05   |               |
| Appr               | T.HANNA     | 12/19/94 | Product family BERGSTIK                              |                                | Spec ref     |         |               |
|                    |             |          | title BERGSTIK® II HDR.<br>S/R PDL .100/2.54cc       |                                | dwg no 68448 |         | Rev. DS       |
|                    |             |          | catalog no   |                                | CUSTOMER     |         | sheet 8 of 10 |



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| PRODUCT NUMBER | TOT. PIN LGTH. |         | TAIL LENGTH |         | MATING LENGTH |         | PIN PLATING<br>CODE | POLARIZED<br>POSITION | LF<br>OPTION                 |        |
|----------------|----------------|---------|-------------|---------|---------------|---------|---------------------|-----------------------|------------------------------|--------|
|                | NO. OF         | DIM F   | DIM F       | DIM G   | DIM G         | DIM H   |                     |                       |                              | DIM H  |
|                | POS            | ENGLISH | METRIC      | ENGLISH | METRIC        | ENGLISH |                     |                       |                              | METRIC |
| 68448-190H     | 6              | 0.543   | 13.79       | 0.125   | 3.18          | 0.318   | 8.08                | 1                     | 1                            |        |
| 68448-191H     | 10             | 0.543   | 13.79       | 0.125   | 3.18          | 0.318   | 8.08                | 1                     | 10                           |        |
| 68448-192H     | 6              | 0.543   | 13.79       | 0.125   | 3.18          | 0.318   | 8.08                | 1                     | 3                            |        |
| 68448-193H     | 3              | 0.830   | 21.08       | 0.110   | 2.79          | 0.620   | 15.75               | 1                     | 2                            |        |
| 68448-194H     | 36             | 0.320   | 8.13        | 0.095   | 2.41          | 0.125   | 3.18                | 4                     | 3.8.13.18.23.28.33           |        |
| 68448-195H     | 36             | 0.320   | 8.13        | 0.095   | 2.41          | 0.125   | 3.18                | 4                     | 3.9.15.21.27.33              |        |
| 68448-196      | 5              | 0.548   | 13.92       | 0.130   | 3.30          | 0.318   | 8.08                | 2                     | 2                            |        |
| 68448-197H     | 23             | 0.750   | 19.05       | 0.420   | 10.67         | 0.230   | 5.84                | 4                     | 2.4.6.8.10.12.14.16.18.20.22 |        |
| 68448-198H     | 3              | 0.350   | 8.89        | 0.100   | 2.54          | 0.150   | 3.81                | 4                     | 2                            |        |
| 68448-199      | 4              | 0.548   | 13.92       | 0.130   | 3.30          | 0.318   | 8.08                | 4                     | 1                            |        |
| 68448-200H     | 8              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                     | 5                            |        |
| 68448-201H     | 21             | 0.735   | 18.67       | 0.095   | 2.41          | 0.540   | 13.72               | 1                     | 1.4.7.9.10.12.13.15.16.18.19 |        |
| 68448-202H     | 20             | 0.735   | 18.67       | 0.095   | 2.41          | 0.540   | 13.72               | 1                     | 3.4.6.7.9.12.13.15.16.18.19  |        |
| 68448-203H     | 9              | 0.350   | 8.89        | 0.120   | 3.05          | 0.130   | 3.30                | 2                     | 2                            |        |
| 68448-204H     | 10             | 0.438   | 11.13       | 0.120   | 3.05          | 0.218   | 5.54                | 2                     | 10                           |        |
| 68448-205H     | 6              | 0.438   | 11.13       | 0.120   | 3.05          | 0.218   | 5.54                | 2                     | 3                            |        |
| 68448-206H     | 6              | 0.438   | 11.13       | 0.120   | 3.05          | 0.218   | 5.54                | 2                     | 1                            |        |
| 68448-207H     | 6              | 0.395   | 10.03       | 0.095   | 2.41          | 0.200   | 5.08                | 2                     | 3                            |        |
| 68448-208H     | 8              | 0.395   | 10.03       | 0.095   | 2.41          | 0.200   | 5.08                | 2                     | 3                            |        |
| 68448-209H     | 22             | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 4                     | 4                            |        |
| 68448-210H     | 11             | 1.140   | 28.96       | 0.120   | 3.05          | 0.920   | 23.37               | 4                     | 2.4.6.8.10                   |        |
| 68448-211H     | 7              | 0.538   | 13.67       | 0.070   | 1.78          | 0.368   | 9.35                | 4                     | 2.4.6                        |        |
| 68448-212H     | 5              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 2                     | 3                            |        |
| 68448-213H     | 8              | 0.450   | 11.43       | 0.120   | 3.05          | 0.230   | 5.84                | 4                     | 5                            |        |
| 68448-214H     | 36             | 0.373   | 9.47        | 0.095   | 2.41          | 0.178   | 4.52                | 4                     | 3.8.13.18.23.28.33           |        |
| 68448-215H     | 36             | 0.373   | 9.47        | 0.095   | 2.41          | 0.178   | 4.52                | 4                     | 3.9.15.21.27.33              |        |
| 68448-216H     | 9              | 0.425   | 10.80       | 0.095   | 2.41          | 0.230   | 5.84                | 1                     | 9                            |        |

NOTE 1,3

NOTE 1,3



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|                    |             |   |                                   |                |             |
|--------------------|-------------|---|-----------------------------------|----------------|-------------|
| www.fciconnect.com |             | surface<br>ISO 1302 <input checked="" type="checkbox"/> | tolerance std<br>ISO 406 ISO 1101 | projection<br> | INCH/MM<br> |
|                    |             | TOLERANCES UNLESS OTHERWISE SPECIFIED                   |                                   |                |             |
| Dr                 | T.BREWBAKER | 12/19/94  | ANGULAR                           | LINEAR         | 0.X ±0.3    |
| Eng                | T.HANNA     | 12/19/94  |                                   |                | 0.XX ±0.15  |
| Chr                | T.HANNA     | 12/19/94  | 0° ±2°                            |                | 0.XXX ±0.05 |
| Appr               | T.HANNA     | 12/19/94  | Product family                    |                | BERGSTIK    |
| title              |             | BERGSTIK® II HDR.<br>S/R PDL .100/2.54cc                |                                   | dwg no         | 68448       |
| catalog no         |             | CUSTOMER  |                                   | Rev.           | DS          |
|                    |             |   |                                   | sheet 9 of 10  |             |

REV F - 2006-04-17

1

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PDM: Rev:DS

STATUS Released 4 Printed: Apr 20, 2011

| PRODUCT NUMBER | NO. OF POS | TOT. PIN LGTH. |        | TAIL LENGTH |        | MATING LENGTH |        | PIN PLATING CODE | POLARIZED POSITION               | LF OPTION |
|----------------|------------|----------------|--------|-------------|--------|---------------|--------|------------------|----------------------------------|-----------|
|                |            | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  |                  |                                  |           |
|                |            | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC |                  |                                  |           |
| 68448-217H     | 9          | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 2                | 9                                | NOTE 1,3  |
| 68448-218H     | 10         | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 1                | 4                                |           |
| 68448-219H     | 29         | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 2                | 6.8.10.13.19.21.28               |           |
| 68448-220H     | 6          | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 4                | 2                                |           |
| 68448-221H     | 36         | 0.372          | 9.45   | 0.094       | 2.39   | 0.178         | 4.52   | 4                | 2.5.8.11.14.17.20.23.26.29.32.35 |           |
| 68448-222H     | 26         | 0.438          | 11.13  | 0.120       | 3.05   | 0.218         | 5.54   | 1                | 4.7.17                           |           |
| 68448-223H     | 13         | 0.700          | 17.78  | 0.300       | 7.62   | 0.300         | 7.62   | 2                | 2                                |           |
| 68448-224H     | 8          | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 2                | 5                                |           |
| 68448-225H     | 8          | 0.730          | 18.54  | 0.110       | 2.79   | 0.520         | 13.21  | 4                | 2.4.6.8                          |           |
| 68448-226H     | 8          | 0.620          | 15.75  | 0.120       | 3.05   | 0.400         | 10.16  | 2                | 2.4.6.7                          |           |
| 68448-227H     | 8          | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 1                | 5                                |           |
| 68448-228H     | 23         | 0.665          | 16.89  | 0.115       | 2.92   | 0.450         | 11.43  | 4                | 2.4.6.8.10.12.14.16.18.20.22     |           |
| 68448-229H     | 10         | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 1                | 3                                |           |
| 68448-230H     | 3          | 0.430          | 10.92  | 0.100       | 2.54   | 0.230         | 5.84   | 4                | 2                                |           |
| 68448-231H     | 5          | 0.430          | 10.92  | 0.100       | 2.54   | 0.230         | 5.84   | 4                | 2.4                              |           |
| 68448-232H     | 3          | 0.320          | 8.13   | 0.095       | 2.41   | 0.125         | 3.18   | 4                | 2                                |           |
| 68448-233H     | 7          | 0.425          | 10.80  | 0.095       | 2.41   | 0.230         | 5.84   | 1                | 2.4.6                            |           |
| 68448-234H     | 36         | 0.475          | 12.07  | 0.095       | 2.41   | 0.280         | 7.11   | 4                | 2.5.8.11.14.17.20.23.26.29.32.35 |           |
| 68448-235H     | 22         | 0.438          | 11.13  | 0.120       | 3.05   | 0.218         | 5.54   | 1                | 3.13                             |           |
| 68448-236H     | 36         | 0.435          | 11.05  | 0.095       | 2.41   | 0.240         | 6.10   | 4                | 2.5.8.11.14.17.20.23.26.29.32.35 |           |
| 68448-237H     | 26         | 0.438          | 11.13  | 0.120       | 3.05   | 0.218         | 5.54   | 1                | 4,7,17                           |           |
| 68448-238H     | 3          | 0.530          | 13.46  | 0.200       | 5.08   | 0.230         | 5.84   | 4                | 2                                |           |
| 68448-239H     | 5          | 0.530          | 13.46  | 0.200       | 5.08   | 0.230         | 5.84   | 4                | 2,4                              |           |
| 68448-240H     | 17         | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | 4                | 2,4,6,8,10,12,14,16              |           |
| 68448-241H     | 10         | 0.318          | 8.077  | 0.170       | 4.32   | 0.080         | 2.03   | 4                | 2,4,6,8,10                       |           |
| 68448-242H     | 5          | 0.538          | 13.67  | 0.120       | 3.05   | 0.318         | 8.08   | 4                | 2,3,4                            |           |
| 68448-243H     | 3          | 0.383          | 9.72   | 0.073       | 1.85   | 0.210         | 5.33   | 4                | 2                                |           |
| 68448-244H     | 17         | 0.383          | 9.72   | 0.073       | 1.85   | 0.210         | 5.33   | 4                | 2,4,6,8,10,12,14,16              |           |

NOTE 1,3

NOTE 6  
NOTE 6



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| PIN PLATING CODES |  |
|-------------------|--|
| 1                 | 30u"/0.76u MIN (SEE NOTE 5) OVER 50u" /1.27u MIN Ni    |
| 2                 | 15u"/0.38u MIN (SEE NOTE 5) OVER 50u" /1.27u MIN Ni    |
| 3                 | 50u"/1.27u MIN (SEE NOTE 5) OVER 50u" /1.27u MIN Ni    |
| 4                 | 100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 4) |
| 4HLF              |  |

|                    |             |  |                                |                |          |
|--------------------|-------------|--|--------------------------------|----------------|----------|
| www.fciconnect.com |             | surface ISO 1302                         | tolerance std ISO 406 ISO 1101 | projection     | INCH/MM  |
|                    |             | TOLERANCES UNLESS OTHERWISE SPECIFIED    |                                |                |          |
| Dr                 | T.BREWBAKER | 12/19/94                                 | ANGULAR                        | 0.X            | ±0.3     |
| Eng                | T.HANNA     | 12/19/94                                 | LINEAR                         | 0.XX           | ±0.15    |
| Chr                | T.HANNA     | 12/19/94                                 | 0° ±2°                         | 0.XXX          | ±0.05    |
| Appr               | T.HANNA     | 12/19/94                                 | Product family                 | BERGSTIK       | Spec ref |
|                    |             | title                                    |                                | 68448          |          |
|                    |             | BERGSTIK® II HDR.<br>S/R PDL .100/2.54cc |                                | Rev. DS        |          |
|                    |             | catalog no                               |                                | CUSTOMER       |          |
|                    |             |  |                                | sheet 10 of 10 |          |

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