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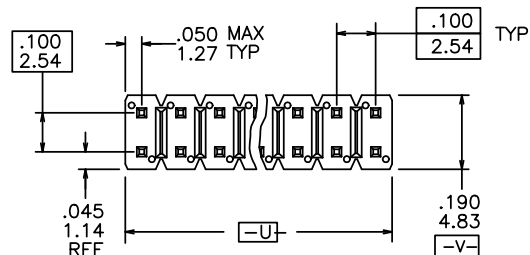
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PRODUCT NUMBER

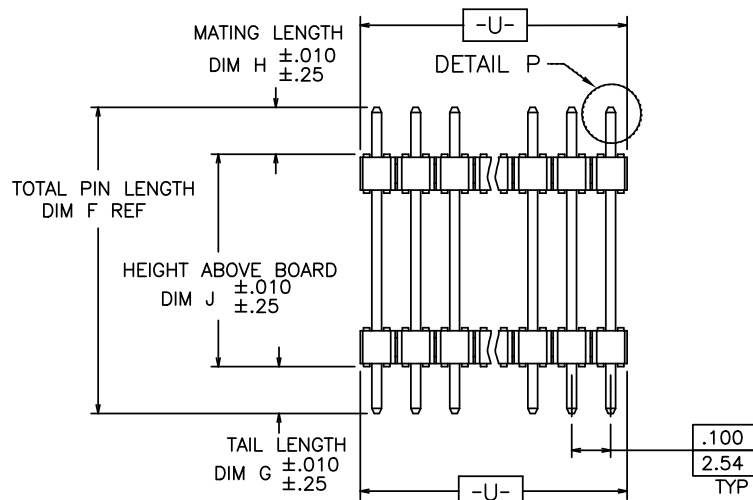
XXXXX-YYY HLF

LEAD FREE OPTION  
SEE NOTE 1,7HIGH TEMPERATURE PLASTIC  
SEE NOTE 1NO. OF  
POSITIONS  
SEE NOTE 1PIN PLATING  
SEE SHEET 2

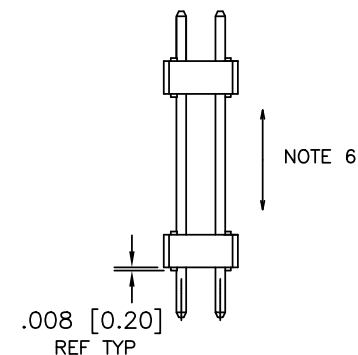
BASE PART NO.



TOP VIEW



SIDE VIEW



END VIEW

⌀ .020/0.51 (M) U (M) V (S)

NOTE 4

□ .025±.001  
0.64±0.03  
TYP

□ .013  
0.33 MAX TYP

25°±5°TYP  
4 SIDES

DETAIL P  
TYP BOTH ENDS

| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| CP  | M04-0234 | HTB | 12/29/04   |
| CR  | M05-0072 | MHT | 5/05/05    |
| CS  | M06-0165 | MHT | 7/04/06    |
| CT  | M06-0269 | AEA | 7/14/06    |
| CU  | M06-0307 | MHT | 8/08/06    |
| CV  | M08-0291 | MHT | 10/08/08   |
| CW  | N11-0118 | J.Z | 2011-04-13 |

|                                                                                       |              |         |                                       |        |                                               |                                                                                                     |                                                                                                  |                |              |
|---------------------------------------------------------------------------------------|--------------|---------|---------------------------------------|--------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|--------------|
| www.fciconnect.com                                                                    |              |         | surface 6.4<br>ISO 1302               |        | tolerance std<br>ISO 406 ISO 1101             | projection<br> | INCH/MM<br> |                |              |
|                                                                                       |              |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |                                               |                                                                                                     |                                                                                                  |                |              |
| Dr                                                                                    | T. BREWBAKER | 1/31/95 | ANGULAR<br><br>LINEAR                 |        | 0.X                                           | ±0.3                                                                                                | size<br>A4                                                                                       | Scale<br>1.000 |              |
| Eng                                                                                   | T. HANNA     | 1/31/95 |                                       |        | 0.XX                                          | ±0.15                                                                                               |                                                                                                  |                |              |
| Chr                                                                                   | T. HANNA     | 1/31/95 |                                       | 0° ±2° | 0.XXX                                         | ±0.05                                                                                               | ECN                                                                                              | N11-0118       |              |
| Appr                                                                                  | T. HANNA     | 1/31/95 | Product family BERGSTIK               |        |                                               | Spec ref                                                                                            |                                                                                                  |                |              |
|  | title        |         |                                       |        | BERGSTIK® II HDR, D/R<br>.100 CTR, R.R. TRACK |                                                                                                     | dwg no<br>78563                                                                                  |                | Rev.<br>CW   |
|                                                                                       | catalog no   |         |                                       |        |                                               |                                                                                                     | CUSTOMER                                                                                         |                | sheet 1 of 7 |
|                                                                                       |              |         |                                       |        |                                               |                                                                                                     |                                                                                                  |                |              |

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## PIN PLATING CODES:

|           |                                                                    |
|-----------|--------------------------------------------------------------------|
| XXXXX-1YY | 30u"/0.76u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-2YY | 15u"/0.38u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-3YY | 50u"/1.27u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-4YY | TIN LEAD OPTION 120u"/3.05u MIN 93/7 SnPb OVER 50u"/1.27u MIN Ni   |
|           | LF OPTION 100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 1,9) |
| XXXXX-5YY | 15u"/0.38u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-6YY | 30u"/0.76u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-7YY | 30u"/0.76u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-8YY | 15u"/0.38u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-9YY | 15u"/0.38u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni                 |
| XXXXX-0YY | 30u"/0.76u MIN (SEE NOTE 8) 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 4 (2X2) THRU 72 (2X36).

## PACKAGING:

PACKAGED IN POLY BAGS.

## LEAD FREE:

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

## 2. BODY MATERIAL:

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

COLOR: BLACK OR

MINERAL FILLED LCP FLAME RETARDANT 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.

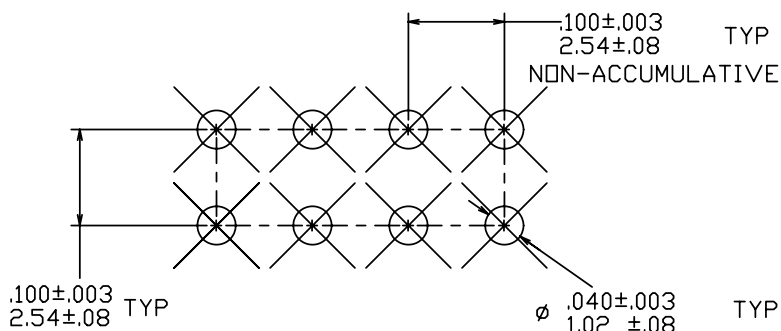
## 6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

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

## 8. PLATING OPTIONS:

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

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

DOUBLE ROW  
RECOMMENDED HOLE PATTERN

|                                                                                       |              |         |                                       |  |                                   |                       |                                                                                                     |              |                   |                |            |
|---------------------------------------------------------------------------------------|--------------|---------|---------------------------------------|--|-----------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------|--------------|-------------------|----------------|------------|
| www.fciconnect.com                                                                    |              |         | surface<br>ISO 1302 ✓                 |  | tolerance std<br>ISO 406 ISO 1101 |                       | projection<br> |              | INCH/MM<br>←————→ |                |            |
|                                                                                       |              |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                                   |                       |                                                                                                     |              |                   |                |            |
| Dr                                                                                    | T. BREWBAKER | 1/31/95 | ANGULAR                               |  | LINEAR                            |                       | 0.X                                                                                                 | ±0.3         | size<br>A4        | Scale<br>1.000 |            |
| Eng                                                                                   | T. HANNA     | 1/31/95 |                                       |  |                                   |                       | 0.XX                                                                                                | ±0.15        |                   |                |            |
| Chr                                                                                   | T. HANNA     | 1/31/95 |                                       |  |                                   |                       | 0°. ±2°                                                                                             | ±0.05        |                   |                |            |
| Appr                                                                                  | T. HANNA     | 1/31/95 | Product family BERGSTIK               |  |                                   |                       |                                                                                                     | ECN N11-0118 |                   |                |            |
|                                                                                       |              |         | Spec ref                              |  |                                   |                       |                                                                                                     |              |                   |                |            |
|  | title        |         |                                       |  |                                   | BERGSTIK® II HDR. D/R |                                                                                                     |              |                   |                | Rev.<br>CW |
|                                                                                       |              |         |                                       |  |                                   | .100 CTR. R.R. TRACK  |                                                                                                     |              |                   |                |            |
|                                                                                       | catalog no   |         |                                       |  |                                   | dwg no 78563          |                                                                                                     |              |                   |                |            |
|                                                                                       |              |         |                                       |  | CUSTOMER                          |                       |                                                                                                     |              |                   | sheet 2 of 7   |            |

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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        | HEIGHT ABOVE BOARD |        | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|--------------------|--------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  | DIM J              | DIM J  |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC | ENGLISH            | METRIC |              |
| 58478-XXYH     | 0.808          | 20.52  | 0.120       | 3.05   | 0.268         | 6.81   | 0.420              | 10.67  | NOTE 1,7     |
| 58479-XXYH     | 1.030          | 26.16  | 0.200       | 5.08   | 0.360         | 9.14   | 0.470              | 11.94  |              |
| 60056-XXYH     | 0.425          | 10.80  | 0.150       | 3.81   | 0.065         | 1.65   | 0.210              | 5.33   |              |
| 71282-XXYH     | 0.543          | 13.79  | 0.102       | 2.59   | 0.213         | 5.41   | 0.228              | 5.79   |              |
| 71284-XXYH     | 0.920          | 23.37  | 0.122       | 3.10   | 0.372         | 9.45   | 0.426              | 10.82  |              |
| 71285-XXYH     | 1.075          | 27.31  | 0.110       | 2.79   | 0.350         | 8.89   | 0.615              | 15.62  |              |
| 71704-XXYH     | 1.145          | 29.08  | 0.354       | 8.99   | 0.354         | 8.99   | 0.437              | 11.10  |              |
| 71725-XXYH     | 1.110          | 28.19  | 0.110       | 2.79   | 0.370         | 9.40   | 0.630              | 16.00  |              |
| 71726-XXYH     | 1.380          | 35.05  | 0.315       | 8.00   | 0.315         | 8.00   | 0.750              | 19.05  |              |
| 71728-XXYH     | 1.200          | 30.48  | 0.100       | 2.54   | 0.254         | 6.45   | 0.846              | 21.49  |              |
| 71739-XXYH     | 0.945          | 24.00  | 0.110       | 2.79   | 0.110         | 2.79   | 0.725              | 18.42  |              |
| 71741-XXYH     | 1.340          | 34.04  | 0.110       | 2.79   | 0.330         | 8.38   | 0.900              | 22.86  |              |
| 71758-XXYH     | 1.123          | 28.52  | 0.394       | 10.01  | 0.394         | 10.01  | 0.335              | 8.51   |              |
| 71797-XXYH     | 0.705          | 17.91  | 0.125       | 3.18   | 0.240         | 6.10   | 0.340              | 8.64   |              |
| 72302-XXYH     | 1.176          | 29.87  | 0.100       | 2.54   | 0.230         | 5.84   | 0.846              | 21.49  |              |
| 72307-XXYH     | 0.880          | 22.35  | 0.250       | 6.35   | 0.330         | 8.38   | 0.300              | 7.62   |              |
| 72334-XXYH     | 0.775          | 19.69  | 0.120       | 3.05   | 0.230         | 5.84   | 0.425              | 10.80  |              |
| 72335-XXYH     | 1.250          | 31.75  | 0.120       | 3.05   | 0.230         | 5.84   | 0.900              | 22.86  |              |
| 72345-XXYH     | 0.630          | 16.00  | 0.100       | 2.54   | 0.230         | 5.84   | 0.300              | 7.62   |              |
| 72320-XXYH     | 1.158          | 29.41  | 0.100       | 2.54   | 0.290         | 7.37   | 0.768              | 19.51  |              |
| 72431-XXYH     | 1.150          | 29.21  | 0.262       | 6.65   | 0.262         | 6.65   | 0.626              | 15.90  |              |
| 72461-XXYH     | 1.190          | 30.23  | 0.090       | 2.29   | 0.350         | 8.89   | 0.750              | 19.05  |              |
| 72471-XXYH     | 1.286          | 32.66  | 0.130       | 3.30   | 0.406         | 10.31  | 0.750              | 19.05  |              |
| 72509-XXYH     | 1.370          | 34.80  | 0.235       | 5.97   | 0.235         | 5.97   | 0.900              | 22.86  |              |
| 72514-XXYH     | 1.220          | 30.99  | 0.120       | 3.05   | 0.350         | 8.89   | 0.750              | 19.05  |              |
| 72521-XXYH     | 0.900          | 22.86  | 0.200       | 5.08   | 0.300         | 7.62   | 0.400              | 10.16  |              |
| 73428-XXYH     | 1.330          | 33.78  | 0.330       | 8.38   | 0.727         | 18.47  | 0.273              | 6.93   |              |
| 73500-XXYH     | 0.870          | 22.10  | 0.300       | 7.62   | 0.300         | 7.62   | 0.270              | 6.86   | NOTE 1,7     |

|                                       |              |         |                                                        |  |                                   |  |                 |  |                |  |
|---------------------------------------|--------------|---------|--------------------------------------------------------|--|-----------------------------------|--|-----------------|--|----------------|--|
| www.fciconnect.com                    |              |         | surface<br>ISO 1302 ✓                                  |  | tolerance std<br>ISO 406 ISO 1101 |  | projection<br>⊕ |  | INCH/MM<br>←→  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |              |         | ANGULAR                                                |  | LINEAR                            |  | size<br>A4      |  | Scale<br>1.000 |  |
| Dr                                    | T. BREWBAKER | 1/31/95 | 0°                                                     |  | ±2°                               |  | 0.X             |  | ±0.3           |  |
| Eng                                   | T. HANNA     | 1/31/95 | 0.XX                                                   |  | ±0.15                             |  | 0.XXX           |  | ±0.05          |  |
| Chr                                   | T. HANNA     | 1/31/95 | ECN                                                    |  | N11-0118                          |  |                 |  |                |  |
| Appr                                  | T. HANNA     | 1/31/95 | Product family                                         |  | BERGSTIK                          |  | Spec ref        |  |                |  |
| FCI                                   |              |         | title<br>BERGSTIK® II HDR. D/R<br>.100 CTR. R.R. TRACK |  |                                   |  | dwg no<br>78563 |  | Rev.<br>CW     |  |
| catalog no                            |              |         | CUSTOMER                                               |  |                                   |  | sheet 3 of 7    |  |                |  |

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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        | HEIGHT ABOVE BOARD |        | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|--------------------|--------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  | DIM J              | DIM J  |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC | ENGLISH            | METRIC |              |
| 73501-YYYH     | 0.668          | 16.97  | 0.098       | 2.49   | 0.157         | 3.99   | 0.413              | 10.49  | NOTE 1,7     |
| 73697-YYYH     | 1.435          | 36.45  | 0.300       | 7.62   | 0.525         | 13.34  | 0.610              | 15.49  |              |
| 73699-YYYH     | 0.952          | 24.18  | 0.122       | 3.10   | 0.228         | 5.79   | 0.602              | 15.29  |              |
| 74381-YYYH     | 0.975          | 24.77  | 0.360       | 9.14   | 0.360         | 9.14   | 0.255              | 6.48   |              |
| 74455-YYYH     | 1.050          | 26.67  | 0.230       | 5.84   | 0.320         | 8.13   | 0.500              | 12.70  |              |
| 74465-YYYH     | 0.945          | 24.00  | 0.110       | 2.79   | 0.285         | 7.24   | 0.550              | 13.97  |              |
| 74466-YYYH     | 0.930          | 23.62  | 0.355       | 9.02   | 0.360         | 9.14   | 0.215              | 5.46   |              |
| 74467-YYYH     | 0.930          | 23.62  | 0.365       | 9.27   | 0.365         | 9.27   | 0.200              | 5.08   |              |
| 74928-YYYH     | 1.164          | 29.56  | 0.200       | 5.08   | 0.200         | 5.08   | 0.764              | 19.41  |              |
| 74997-YYYH     | 1.208          | 30.68  | 0.150       | 3.81   | 0.290         | 7.37   | 0.768              | 19.51  |              |
| 78563-YYY      | 0.930          | 23.62  | 0.340       | 8.64   | 0.340         | 8.64   | 0.250              | 6.35   |              |
| 78564-YYY      | 1.230          | 31.24  | 0.390       | 9.91   | 0.390         | 9.91   | 0.450              | 11.43  |              |
| 78936-YYY      | 0.785          | 19.94  | 0.120       | 3.05   | 0.120         | 3.05   | 0.545              | 13.84  |              |
| 78937-YYY      | 0.490          | 12.45  | 0.120       | 3.05   | 0.120         | 3.05   | 0.250              | 6.35   |              |
| 84693-YYYH     | 0.975          | 24.77  | 0.380       | 9.65   | 0.380         | 9.65   | 0.215              | 5.46   |              |
| 84819-YYYH     | 0.730          | 18.54  | 0.110       | 2.79   | 0.170         | 4.32   | 0.450              | 11.43  |              |
| 84950-YYYH     | 1.250          | 31.75  | 0.120       | 3.05   | 0.350         | 8.89   | 0.780              | 19.81  |              |
| 86816-YYY      | 0.925          | 23.50  | 0.120       | 3.05   | 0.120         | 3.05   | 0.685              | 17.40  |              |
| 86824-YYY      | 0.760          | 19.30  | 0.120       | 3.05   | 0.250         | 6.35   | 0.390              | 9.91   |              |
| 86826-YYY      | 0.700          | 17.78  | 0.120       | 3.05   | 0.330         | 8.38   | 0.250              | 6.35   |              |
| 86831-YYY      | 0.525          | 13.34  | 0.100       | 2.54   | 0.225         | 5.72   | 0.200              | 5.08   |              |
| 86869-YYY      | 1.020          | 25.91  | 0.120       | 3.05   | 0.230         | 5.84   | 0.670              | 17.02  |              |
| 87039-YYY      | 1.240          | 31.50  | 0.120       | 3.05   | 0.120         | 3.05   | 1.000              | 25.40  |              |
| 87053-YYY      | 0.990          | 25.15  | 0.120       | 3.05   | 0.120         | 3.05   | 0.750              | 19.05  |              |
| 87323-YYY      | 1.375          | 34.93  | 0.219       | 5.56   | 0.406         | 10.31  | 0.750              | 19.05  | NOTE 1,7     |

NOTE 1,7

|                                                                                       |              |         |                                               |        |                                   |        |                                                                                       |              |                   |      |
|---------------------------------------------------------------------------------------|--------------|---------|-----------------------------------------------|--------|-----------------------------------|--------|---------------------------------------------------------------------------------------|--------------|-------------------|------|
| www.fciconnect.com                                                                    |              |         | surface<br>ISO 1302 ✓                         |        | tolerance std<br>ISO 406 ISO 1101 |        |  |              | INCH/MM<br>←————→ |      |
|                                                                                       |              |         | TOLERANCES UNLESS                             |        | OTHERWISE SPECIFIED               |        |                                                                                       |              |                   |      |
| Dr                                                                                    | T. BREWBAKER | 1/31/95 | ANGULAR                                       | LINEAR | 0.X                               | ±0.3   | size                                                                                  | A4           | Scale             |      |
| Eng                                                                                   | T. HANNA     | 1/31/95 |                                               |        | 0.XX                              | ±0.15  | 1.000                                                                                 |              |                   |      |
| Chr                                                                                   | T. HANNA     | 1/31/95 |                                               |        | 0.XXX                             | ±0.05  | ECN N11-0118                                                                          |              |                   |      |
| Appr                                                                                  | T. HANNA     | 1/31/95 | Product family                                |        | BERGSTIK                          |        | Spec ref                                                                              |              |                   |      |
|  | title        |         | BERGSTIK® II HDR. D/R<br>.100 CTR. R.R. TRACK |        |                                   | dwg no |                                                                                       | 78563        |                   | Rev. |
|                                                                                       | catalog no   |         |                                               |        |                                   |        |                                                                                       | CUSTOMER     |                   | CW   |
|                                                                                       |              |         |                                               |        |                                   |        |                                                                                       | sheet 4 of 7 |                   |      |

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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        | HEIGHT ABOVE BOARD |        | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|--------------------|--------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  | DIM J              | DIM J  |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC | ENGLISH            | METRIC |              |
| 87324-YYY      | 1.218          | 30.94  | 0.406       | 10.31  | 0.406         | 10.31  | 0.406              | 10.31  | NOTE 1,7     |
| 87346-YYY      | 0.930          | 23.62  | 0.100       | 2.54   | 0.330         | 8.38   | 0.500              | 12.70  |              |
| 87347-YYY      | 0.890          | 22.61  | 0.110       | 2.79   | 0.280         | 7.11   | 0.500              | 12.70  |              |
| 87501-YYYH     | 1.230          | 31.24  | 0.330       | 8.38   | 0.100         | 2.54   | 0.800              | 20.32  |              |
| 87511-YYYH     | 1.130          | 28.70  | 0.105       | 2.67   | 0.325         | 8.26   | 0.700              | 17.78  |              |
| 87512-YYYH     | 1.030          | 26.16  | 0.120       | 3.05   | 0.410         | 10.41  | 0.500              | 12.70  |              |
| 87571-YYYH     | 0.930          | 23.62  | 0.250       | 6.35   | 0.250         | 6.35   | 0.430              | 10.92  |              |
| 87594-YYY      | 1.190          | 30.23  | 0.200       | 5.08   | 0.120         | 3.05   | 0.870              | 22.10  |              |
| 87887-YYY      | 0.940          | 23.88  | 0.120       | 3.05   | 0.395         | 10.03  | 0.425              | 10.80  |              |
| 87899-YYY      | 1.040          | 26.42  | 0.120       | 3.05   | 0.370         | 9.40   | 0.550              | 13.97  |              |
| 89444-YYY      | 0.930          | 23.62  | 0.120       | 3.05   | 0.310         | 7.87   | 0.500              | 12.70  |              |
| 89637-YYY      | 1.260          | 32.00  | 0.118       | 3.00   | 0.315         | 8.00   | 0.827              | 21.01  |              |
| 89638-YYY      | 1.040          | 26.42  | 0.120       | 3.05   | 0.270         | 6.86   | 0.650              | 16.51  |              |
| 90237-YYY      | 0.813          | 20.65  | 0.120       | 3.05   | 0.318         | 8.08   | 0.375              | 9.53   |              |
| 90608-YYY      | 0.595          | 15.11  | 0.120       | 3.05   | 0.255         | 6.48   | 0.220              | 5.59   |              |
| 90806-YYY      | 1.400          | 35.56  | 0.360       | 9.14   | 0.200         | 5.08   | 0.840              | 21.34  |              |
| 91507-YYYH     | 0.610          | 15.49  | 0.120       | 3.05   | 0.240         | 6.10   | 0.250              | 6.35   | NOTE 1,7     |
| 91508-YYYH     | 0.888          | 22.56  | 0.120       | 3.05   | 0.500         | 12.70  | 0.268              | 6.81   |              |
| 91509-YYYH     | 1.260          | 32.00  | 0.120       | 3.05   | 0.500         | 12.70  | 0.640              | 16.26  |              |
| 91510-YYYH     | 0.960          | 24.38  | 0.120       | 3.05   | 0.500         | 12.70  | 0.340              | 8.64   |              |
| 91862-YYYH     | 0.767          | 19.48  | 0.120       | 3.05   | 0.297         | 7.54   | 0.350              | 8.89   | NOTE 1,7     |
| 91863-YYYH     | 0.792          | 20.12  | 0.120       | 3.05   | 0.297         | 7.54   | 0.375              | 9.53   |              |

NOTE 1,7



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|                    |              |         |                                                        |  |        |                                   |                 |                |                 |              |
|--------------------|--------------|---------|--------------------------------------------------------|--|--------|-----------------------------------|-----------------|----------------|-----------------|--------------|
| www.fciconnect.com |              |         | surface<br>ISO 1302                                    |  | ✓      | tolerance std<br>ISO 406 ISO 1101 |                 | projection<br> | INCH/MM<br>     |              |
|                    |              |         | TOLERANCES UNLESS OTHERWISE SPECIFIED                  |  |        |                                   |                 |                |                 |              |
| Dr                 | T. BREWBAKER | 1/31/95 | ANGULAR                                                |  | LINEAR | 0.X                               | ±0.3            | size<br>A4     | Scale<br>1.000  |              |
| Eng                | T. HANNA     | 1/31/95 |                                                        |  |        | 0.XX                              | ±0.15           |                | ECN<br>N11-0118 |              |
| Chr                | T. HANNA     | 1/31/95 |                                                        |  |        | 0.XXX                             | ±0.05           |                |                 |              |
| Appr               | T. HANNA     | 1/31/95 | Product family                                         |  |        |                                   | BERGSTIK        |                | Spec ref        |              |
|                    |              |         | title<br>BERGSTIK® II HDR. D/R<br>.100 CTR. R.R. TRACK |  |        |                                   | dwg no<br>78563 | Rev.<br>CW     |                 |              |
|                    |              |         |                                                        |  |        |                                   |                 |                |                 |              |
|                    |              |         | catalog no                                             |  |        |                                   | CUSTOMER        |                |                 | sheet 5 of 7 |

REV F - 2006-04-17

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PDM: Rev: CW

STATUS: Released 4 Printed: May 18, 2011

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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        | HEIGHT ABOVE BOARD |        | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|--------------------|--------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  | DIM J              | DIM J  |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC | ENGLISH            | METRIC |              |
| 92002-YYYH     | 0.980          | 24.89  | 0.120       | 3.05   | 0.410         | 10.41  | 0.450              | 11.43  | NOTE 1,7     |
| 92012-YYYH     | 0.940          | 23.88  | 0.090       | 2.29   | 0.350         | 8.89   | 0.500              | 12.70  |              |
| 92013-YYYH     | 1.450          | 36.83  | 0.120       | 3.05   | 0.330         | 8.38   | 1.000              | 25.40  |              |
| 92094-YYYH     | 1.030          | 26.16  | 0.180       | 4.57   | 0.180         | 4.57   | 0.670              | 17.02  |              |
| 92628-YYYH     | 1.160          | 29.46  | 0.120       | 3.05   | 0.230         | 5.84   | 0.810              | 20.57  |              |
| 92900-YYYH     | 0.470          | 11.94  | 0.110       | 2.79   | 0.110         | 2.79   | 0.250              | 6.35   |              |
| 93223-YYYH     | 0.635          | 16.13  | 0.090       | 2.29   | 0.230         | 5.84   | 0.315              | 8.00   |              |
| 94046-YYYH     | 0.620          | 15.75  | 0.120       | 3.05   | 0.250         | 6.35   | 0.250              | 6.35   |              |
| 94082-YYYH     | 0.838          | 21.29  | 0.120       | 3.05   | 0.318         | 8.08   | 0.400              | 10.16  |              |
| 94083-YYYH     | 1.398          | 35.51  | 0.120       | 3.05   | 0.318         | 8.08   | 0.960              | 24.38  |              |
| 94084-YYYH     | 0.775          | 19.69  | 0.130       | 3.30   | 0.265         | 6.73   | 0.380              | 9.65   |              |
| 94085-YYYH     | 0.825          | 20.96  | 0.130       | 3.30   | 0.265         | 6.73   | 0.430              | 10.92  |              |
| 94550-YYYH     | 1.110          | 28.19  | 0.125       | 3.18   | 0.300         | 7.62   | 0.685              | 17.40  |              |
| 94551-YYYH     | 1.120          | 28.45  | 0.415       | 10.54  | 0.415         | 10.54  | 0.290              | 7.37   |              |
| 94552-YYYH     | 1.230          | 31.24  | 0.110       | 2.79   | 0.205         | 5.21   | 0.915              | 23.24  |              |
| 94553-YYYH     | 1.230          | 31.24  | 0.120       | 3.05   | 0.310         | 7.87   | 0.800              | 20.32  |              |
| 94554-YYYH     | 1.250          | 31.75  | 0.120       | 3.05   | 0.330         | 8.38   | 0.800              | 20.32  |              |
| 94555-YYYH     | 1.270          | 32.26  | 0.385       | 9.78   | 0.385         | 9.78   | 0.500              | 12.70  |              |
| 94605-YYYH     | 0.830          | 21.08  | 0.110       | 2.79   | 0.270         | 6.86   | 0.450              | 11.43  |              |
| 94620-YYYH     | 1.002          | 25.45  | 0.120       | 3.05   | 0.382         | 9.70   | 0.500              | 12.70  |              |
| 94621-YYYH     | 0.590          | 14.99  | 0.100       | 2.54   | 0.260         | 6.60   | 0.230              | 5.84   |              |
| 94632-YYYH     | 1.040          | 26.42  | 0.110       | 2.79   | 0.305         | 7.75   | 0.625              | 15.88  |              |
| 94672-YYYH     | 0.750          | 19.05  | 0.120       | 3.05   | 0.335         | 8.51   | 0.295              | 7.49   |              |
| 95036-YYYH     | 1.304          | 33.12  | 0.290       | 7.37   | 0.290         | 7.37   | 0.724              | 18.39  |              |
| 95063-YYYH     | 0.902          | 22.91  | 0.135       | 3.43   | 0.330         | 8.38   | 0.437              | 11.10  |              |
| 95064-YYYH     | 0.630          | 16.00  | 0.220       | 5.59   | 0.120         | 3.05   | 0.290              | 7.37   |              |
| 95088-YYYH     | 1.100          | 27.94  | 0.300       | 7.62   | 0.300         | 7.62   | 0.500              | 12.70  | NOTE 1,7     |

NOTE 1,7

|                                       |              |         |                                                         |  |                                   |  |                 |  |                |  |
|---------------------------------------|--------------|---------|---------------------------------------------------------|--|-----------------------------------|--|-----------------|--|----------------|--|
| 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 |              |         | ANGULAR                                                 |  | LINEAR                            |  | size<br>A4      |  | Scale<br>1.000 |  |
| Dr                                    | T. BREWBAKER | 1/31/95 | 0°                                                      |  | ±2°                               |  | 0.X             |  | ±0.3           |  |
| Eng                                   | T. HANNA     | 1/31/95 | 0.XX                                                    |  | ±0.15                             |  | 0.XXX           |  | ±0.05          |  |
| Chr                                   | T. HANNA     | 1/31/95 | ECN                                                     |  | N11-0118                          |  |                 |  |                |  |
| Appr                                  | T. HANNA     | 1/31/95 | Product family                                          |  | BERGSTIK                          |  | Spec ref        |  |                |  |
|                                       |              |         | title<br>BERGSTIK® II HDR. D/R<br>.100 CTR. R.R. TRACK  |  |                                   |  | dwg no<br>78563 |  | Rev.<br>CW     |  |
|                                       |              |         | catalog no                                              |  |                                   |  | CUSTOMER        |  | sheet 6 of 7   |  |

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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        | HEIGHT ABOVE BOARD |        | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|--------------------|--------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  | DIM J              | DIM J  |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC | ENGLISH            | METRIC |              |
| 95116-XXYH     | 1.430          | 36.32  | 0.110       | 2.79   | 0.445         | 11.30  | 0.875              | 22.23  | NOTE 1,7     |
| 95124-XXYH     | 0.838          | 21.29  | 0.112       | 2.84   | 0.289         | 7.34   | 0.437              | 11.10  |              |
| 95129-XXYH     | 1.330          | 33.78  | 0.060       | 1.52   | 0.350         | 8.89   | 0.920              | 23.37  |              |
| 95616-XXYH     | 1.253          | 31.83  | 0.170       | 4.32   | 0.343         | 8.71   | 0.740              | 18.80  |              |
| 95656-XXYH     | 0.910          | 23.11  | 0.230       | 5.84   | 0.230         | 5.84   | 0.450              | 11.43  |              |
| 95657-XXYH     | 0.980          | 24.89  | 0.300       | 7.62   | 0.230         | 5.84   | 0.450              | 11.43  |              |
| 95685-XXYH     | 0.895          | 22.73  | 0.340       | 8.64   | 0.340         | 8.64   | 0.215              | 5.46   |              |
| 95686-XXYH     | 0.900          | 22.86  | 0.350       | 8.89   | 0.350         | 8.89   | 0.200              | 5.08   |              |
| 95711-XXYH     | 1.030          | 26.16  | 0.180       | 4.57   | 0.100         | 2.54   | 0.750              | 19.05  |              |
| 95731-XXYH     | 1.335          | 33.91  | 0.110       | 2.79   | 0.395         | 10.03  | 0.830              | 21.08  |              |
| 95762-XXYH     | 1.050          | 26.67  | 0.150       | 3.81   | 0.230         | 5.84   | 0.670              | 17.02  |              |
| 95787-XXYH     | 0.930          | 23.62  | 0.100       | 2.54   | 0.225         | 5.72   | 0.605              | 15.37  |              |
| 95788-XXYH     | 1.130          | 28.70  | 0.155       | 3.94   | 0.175         | 4.45   | 0.800              | 20.32  |              |
| 98048-XXYH     | 0.609          | 15.47  | 0.120       | 3.05   | 0.230         | 5.84   | 0.259              | 6.58   |              |
| 98049-XXYH     | 0.930          | 23.62  | 0.090       | 2.29   | 0.210         | 5.33   | 0.630              | 16.00  |              |
| 98070-XXYH     | 1.086          | 27.58  | 0.125       | 3.18   | 0.232         | 5.89   | 0.728              | 18.49  |              |
| 98141-XXYH     | 0.530          | 13.46  | 0.120       | 3.05   | 0.120         | 3.05   | 0.290              | 7.37   |              |
| 98216-XXYH     | 0.850          | 21.59  | 0.120       | 3.05   | 0.120         | 3.05   | 0.610              | 15.49  |              |
| 98836-XXYH     | 0.830          | 21.08  | 0.150       | 3.81   | 0.220         | 5.59   | 0.460              | 11.68  |              |
| 10007210-XXYH  | 1.130          | 28.70  | 0.220       | 5.59   | 0.460         | 11.68  | 0.450              | 11.43  |              |
| 10017135-XXYH  | 1.330          | 33.78  | 0.285       | 7.24   | 0.595         | 15.11  | 0.450              | 11.43  |              |
| 10017288-XXYH  | 1.331          | 33.81  | 0.160       | 4.06   | 0.210         | 5.33   | 0.961              | 24.41  |              |
| 10033859-XXYH  | 1.130          | 28.70  | 0.190       | 4.83   | 0.490         | 12.45  | 0.450              | 11.43  |              |
| 10037932-XXYH  | 1.230          | 31.24  | 0.190       | 4.83   | 0.590         | 14.99  | 0.450              | 11.43  |              |
| 10070373-XXYH  | 1.338          | 34.00  | 0.125       | 3.20   | 0.275         | 7.00   | 0.937              | 23.80  |              |
| 10117016-XXYH  | 0.695          | 17.66  | 0.240       | 6.10   | 0.240         | 6.10   | 0.215              | 5.46   |              |
| 10117057-XXYH  | 0.805          | 20.45  | 0.120       | 3.05   | 0.217         | 5.50   | 0.469              | 11.90  | NOTE 1,7     |

|                                       |              |         |                                                        |  |                                   |  |                 |  |                |  |
|---------------------------------------|--------------|---------|--------------------------------------------------------|--|-----------------------------------|--|-----------------|--|----------------|--|
| www.fciconnect.com                    |              |         | surface<br>ISO 1302 ✓                                  |  | tolerance std<br>ISO 406 ISO 1101 |  | projection<br>⊕ |  | INCH/MM<br>←   |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |              |         | ANGULAR                                                |  | LINEAR                            |  | size<br>A4      |  | Scale<br>1.000 |  |
| Dr                                    | T. BREWBAKER | 1/31/95 |                                                        |  |                                   |  |                 |  |                |  |
| Eng                                   | T. HANNA     | 1/31/95 |                                                        |  |                                   |  |                 |  |                |  |
| Chr                                   | T. HANNA     | 1/31/95 | 0° ±2°                                                 |  |                                   |  | 0.XX ±0.15      |  | ECN N11-0118   |  |
| Appr                                  | T. HANNA     | 1/31/95 | Product family                                         |  | BERGSTIK                          |  | Spec ref        |  |                |  |
| FCI                                   |              |         | title<br>BERGSTIK® II HDR. D/R<br>.100 CTR. R.R. TRACK |  |                                   |  | dwg no<br>78563 |  | Rev.<br>CW     |  |
| catalog no                            |              |         |                                                        |  |                                   |  | CUSTOMER        |  | sheet 7 of 7   |  |

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2