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# PRODUCT NUMBER

XXXXX-YYY HTLF

LEAD FREE OPTION  
(SEE NOTES 1)

PACKAGING OPTIONS  
(SEE NOTE 1)

HIGH TEMPERATURE PLASTIC  
(SEE NOTE 1)

NO OF  
POSITIONS  
(SEE NOTE 1)

PIN PLATING  
(SEE SHEET 2)

BASE PART NO.

68000-X XX-XXX XXX LF

TAIL LENGTH (EXAMPLE BELOW)  
3.0mm=030 12.8mm=128 (SEE NOTE 15 & 16)

MATING LENGTH (EXAMPLE BELOW)  
5.0mm=050 25.5mm=255 (SEE NOTE 15 & 16)

TOTAL NUMBER OF POSITION  
FROM 1 THRU 36 POS. (SEE NOTE 1)

PIN PLATING (SEE NOTE 13)  
1=0.76µm Au  
4= PURE TIN  
8=0.36µm Au

BASE PART NO.

Ø .020/.51 (M) U (M) V (S)

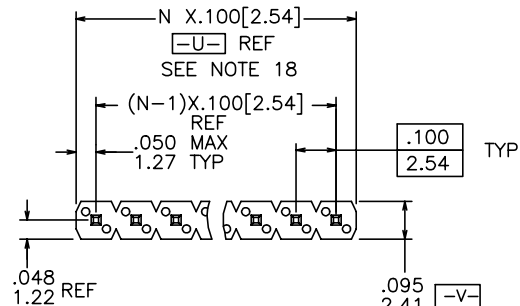
NOTE 4

□ .025±.001  
0.64±.03 TYP

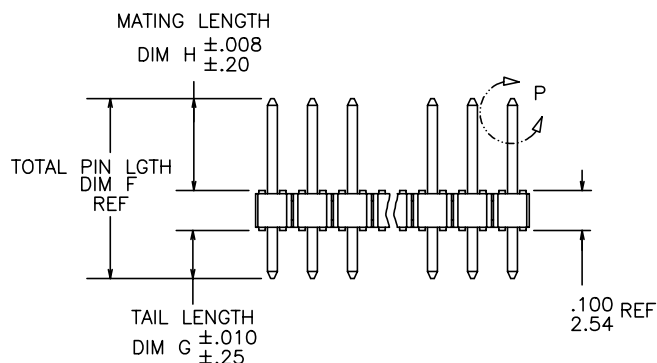
□ .013  
0.33 MAX TYP

25°±5° TYP  
4 SIDES

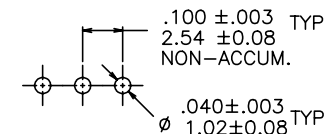
DETAIL P  
TYP BOTH ENDS



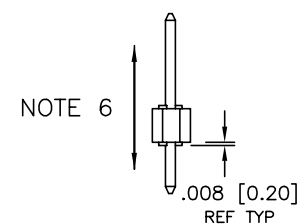
TOP VIEW



SIDE VIEW



RECOMMENDED HOLE PATTERN



END VIEW

| rev | ecn no       | dr  | date       |
|-----|--------------|-----|------------|
| CY  | ELX-N-011895 | JZ  | 2012-06-12 |
| DA  | ELX-N-16105  | ZK  | 2013-10-22 |
| DB  | ELX-N-17329  | ZK  | 2014-03-27 |
| CV  | M09-0090     | MHT | 6/19/09    |
| CW  | M09-0105     | MHT | 7/10/09    |
| CX  | N11-0118     | JZ  | 2011-04-11 |

|                    |             |          |                         |                                   |                        |              |
|--------------------|-------------|----------|-------------------------|-----------------------------------|------------------------|--------------|
| www.fciconnect.com |             |          | surface 6.4<br>ISO 1302 | tolerance std<br>ISO 406 ISO 1101 | projection<br>ISO 1101 | INCH/MM      |
| Dr                 | T.BREWBAKER | 01/05/95 | ANGULAR                 | LINEAR                            | 0.X                    | ±.03         |
| Eng                | T.HANNA     | 01/05/95 |                         |                                   | 0.XX                   | ±.015        |
| Chr                | J.MURPHY    | 01/05/95 | 0°                      | ±2°                               | 0.XXX                  | ±.005        |
| Appr               | T.HANNA     | 01/05/95 | Product family          |                                   |                        | Spec ref     |
| FCI                |             |          | title                   |                                   |                        | Rev.         |
|                    |             |          | BERGSTIK® II HEADER     |                                   |                        | DB           |
|                    |             |          | .100/2.54cc SR STRAIGHT |                                   |                        |              |
|                    |             |          | catalog no              |                                   |                        |              |
|                    |             |          | CUSTOMER                |                                   |                        | sheet 1 of 8 |

## PIN PLATING CODES:

|             |                                                         |
|-------------|---------------------------------------------------------|
| XXXX-1YY    | 30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-2YY    | 15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-3YY    | 50u"/1.27u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-4YY    | 100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 14) |
| XXXX-4YYHLF |                                                         |
| XXXX-5YY    | 15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-6YY    | 30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-7YY    | 30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-8YY    | 15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-9YY    | 15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |
| XXXX-0YY    | 30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni     |

## NOTES

## ①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMP. MATERIAL:

PART NUMBERS WITH AND WITHOUT "H" WILL BE SUPPLIED WITH HIGH TEMPERATURE PLASTIC

NUMBER OF POSITIONS :

ANY NUMBER OF POSITIONS FROM 1 THRU 36.  
 -X00H INDICATES BERGSTRIIP™ PRODUCT. SEE PAGE 3 FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.  
 AUTOMATED REELS WILL CONTAIN 36,000 PINS.  
 SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING :

NO INDICATOR IS STANDARD PACKAGING IN POLY BAGS.

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

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES WITH PICKUP CAP APPLIED. (NOT TOOLED)

BERGSTRIIP™ PART NUMBERS FOLLOWED BY A "B" ARE BULK PRICED.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE AND REEL WITH PICKUP CAP APPLIED.

LEAD FREE :

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

## ②. BODY MATERIAL :

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

BERGSTRIIP™: PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDENT PER UL-94V-0.  
 COLOR : BLACK

PART NUMBERS WITH AND WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE 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. PIN CANNOT PROTRUDE PAST EDGE OF HOUSING. MUST BE .005±.005/.13±.13 FROM END OF HOUSING HOLE.

8. MILITARY BERGSTIK HEADER

P/N XXXXX-YYY-MIL.

NOT AVAILABLE.

⑨. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00 APPLIES.

⑩. INDICATED PART NUMBERS ARE PRODUCED AND SOLD IN THE TAIWAN/SINGAPORE AREAS. THESE ARE NOT AVAILABLE IN BERGSTRIIP™ CONTINUOUS STRIP.

⑪. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.

⑫. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑬. PLATING OPTIONS:

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

⑭. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

⑮. THE OAL DON'T EXCEED 34.5mm

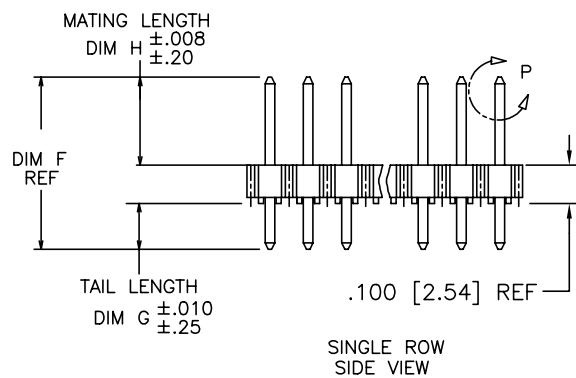
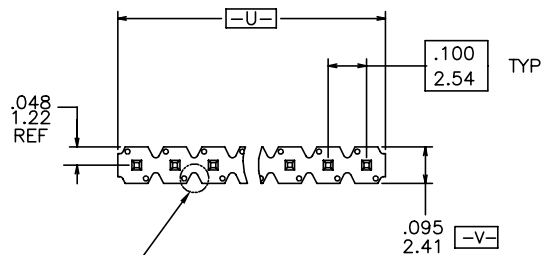
⑯. INCREMENTS BY 0.1mm IN LENGTHS ONLY

17. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

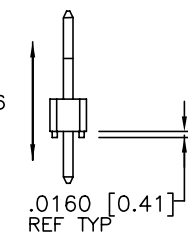
⑰. TO DETERMINE DIMENSIONS:  
 N=NUMBER OF POSITION PER ROW  
 EXAMPLE: 10 POS. N X .100/2.54

|                    |             |          |                                                      |                                   |                       |
|--------------------|-------------|----------|------------------------------------------------------|-----------------------------------|-----------------------|
| www.fciconnect.com |             |          | surface<br>ISO 1302                                  | tolerance std<br>ISO 406 ISO 1101 | projection<br>INCH/MM |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                |                                   |                       |
| Dr                 | T.BREWBAKER | 01/05/95 | ANGULAR                                              | 0.X                               | ±0.3                  |
| Eng                | T.HANNA     | 01/05/95 |                                                      | 0.XX                              | ±0.15                 |
| Chr                | J.MURPHY    | 01/05/95 | 0° ±2°                                               | 0.XXX                             | ±0.05                 |
| Appr               | T.HANNA     | 01/05/95 | Product family BERGSTIK                              |                                   | Spec ref              |
| FCI                |             |          | title BERGSTIK® II HEADER<br>.100/2.54cc SR STRAIGHT |                                   | dwg no 68000          |
|                    |             |          | catalog no                                           |                                   | Rev. DB               |
|                    |             |          | CUSTOMER                                             |                                   | sheet 2 of 8          |

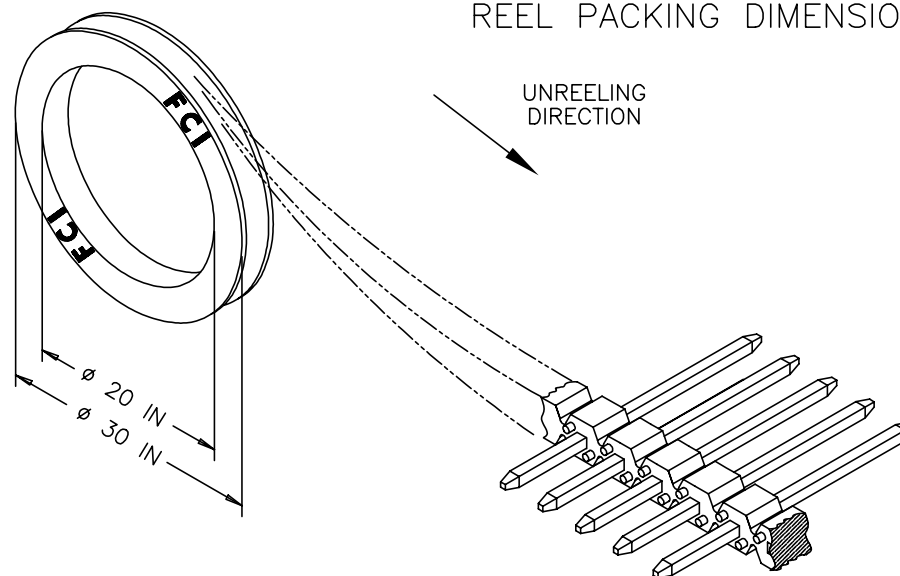
## BERGSTRIPTM HEADER



NOTE 6



## REEL PACKING DIMENSIONS



|                                                                                       |             |          |                       |        |                                   |                         |                                                                                                     |          |                   |              |     |
|---------------------------------------------------------------------------------------|-------------|----------|-----------------------|--------|-----------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------|----------|-------------------|--------------|-----|
| 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 | 01/05/95 | ANGULAR               | LINEAR | 0.X                               | ±0.3                    | size                                                                                                | A4       | Scale<br>1.000    |              |     |
| Eng                                                                                   | T.HANNA     | 01/05/95 |                       |        | 0.XX                              | ±0.15                   |                                                                                                     |          |                   |              |     |
| Chr                                                                                   | J.MURPHY    | 01/05/95 |                       |        | 0.XXX                             | ±0.05                   | ECN                                                                                                 |          |                   |              |     |
| Appr                                                                                  | T.HANNA     | 01/05/95 | Product family        |        | BERGSTIK                          |                         | Spec ref                                                                                            |          |                   |              |     |
|  | title       |          |                       |        |                                   | BERGSTIK® II HEADER     |                                                                                                     | dwg no   |                   | 68000        | Rev |
|                                                                                       |             |          |                       |        |                                   | .100/2.54cc SR STRAIGHT |                                                                                                     |          |                   |              | DB  |
|                                                                                       | catalog no  |          |                       |        |                                   |                         |                                                                                                     | CUSTOMER |                   | sheet 3 of 8 |     |



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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        | PACKAGING       | NOTES | BERGSTRIPTM<br>AVAILABLE | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|-----------------|-------|--------------------------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  |                 |       |                          |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC |                 |       |                          |              |
| 55492-XYH      | 0.315          | 8.00   | 0.095       | 2.41   | 0.120         | 3.05   | POLY BAGS       | ---   | NO                       | OB           |
| 60017-XYH      | 0.620          | 15.75  | 0.210       | 5.33   | 0.310         | 7.87   | POLY BAGS       | ---   | NO                       | OB           |
| 60018-XYH      | 0.660          | 16.76  | 0.250       | 6.35   | 0.310         | 7.87   | POLY BAGS       | ---   | NO                       | OB           |
| 63334-XYH      | 0.435          | 11.05  | 0.095       | 2.41   | 0.240         | 6.10   | POLY BAGS       | ---   | NO                       | OB           |
| 68000-YYY      | 0.425          | 10.80  | 0.095       | 2.41   | 0.230         | 5.84   | POLY BAGS       | ---   | YES                      | NOTE 1,12    |
| 68001-YYY      | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | POLY BAGS/TUBES | ---   | YES                      |              |
| 68002-YYY      | 0.480          | 12.19  | 0.150       | 3.81   | 0.230         | 5.84   | POLY BAGS       | ---   | YES                      |              |
| 68003-YYY      | 0.525          | 13.34  | 0.195       | 4.95   | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       | OB           |
| 68004-YYY      | 0.525          | 13.34  | 0.107       | 2.72   | 0.318         | 8.08   | POLY BAGS       | ---   | YES                      |              |
| 68024-YYY      | 0.568          | 14.43  | 0.150       | 3.81   | 0.318         | 8.08   | POLY BAGS       | ---   | YES                      |              |
| 68031-YYY      | 0.513          | 13.03  | 0.183       | 4.65   | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       |              |
| 68032-YYY      | 0.543          | 13.79  | 0.213       | 5.41   | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       | OB           |
| 68033-YYY      | 0.708          | 17.98  | 0.473       | 12.01  | 0.135         | 3.43   | POLY BAGS       | ---   | NO                       |              |
| 68415-YYY      | 0.615          | 15.62  | 0.115       | 2.92   | 0.400         | 10.16  | POLY BAGS       | ---   | NO                       |              |
| 68416-YYY      | 0.813          | 20.65  | 0.483       | 12.27  | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       |              |
| 68418-YYY      | 0.730          | 18.54  | 0.400       | 10.16  | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       |              |
| 68422-YYY      | 0.631          | 16.03  | 0.213       | 5.41   | 0.318         | 8.08   | POLY BAGS       | ---   | NO                       |              |
| 68443-YYY      | 0.755          | 19.18  | 0.425       | 10.80  | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       | OB           |
| 68456-YYY      | 0.825          | 20.96  | 0.115       | 2.92   | 0.610         | 15.49  | POLY BAGS       | ---   | NO                       | OB           |
| 68457-YYY      | 0.548          | 13.92  | 0.130       | 3.30   | 0.318         | 8.08   | POLY BAGS       | ---   | NO                       |              |
| 68465-YYY      | 0.925          | 23.50  | 0.595       | 15.11  | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       | OB           |
| 68466-YYY      | 0.925          | 23.50  | 0.128       | 3.25   | 0.697         | 17.70  | POLY BAGS       | ---   | NO                       |              |
| 68472-YYY      | 0.913          | 23.19  | 0.413       | 10.49  | 0.400         | 10.16  | POLY BAGS       | ---   | NO                       | OB           |
| 68479-YYY      | 0.718          | 18.24  | 0.388       | 9.86   | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       | OB           |
| 68483-YYY      | 0.835          | 21.21  | 0.417       | 10.59  | 0.318         | 8.08   | POLY BAGS       | ---   | NO                       | OB           |
| 68487-YYY      | 0.705          | 17.91  | 0.110       | 2.79   | 0.495         | 12.57  | POLY BAGS       | ---   | NO                       | OB           |
| 68489-YYY      | 1.095          | 27.81  | 0.765       | 19.43  | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       | OB           |
| 68490-YYY      | 1.025          | 26.04  | 0.695       | 17.65  | 0.230         | 5.84   | POLY BAGS       | ---   | NO                       | OB           |
| 68497-YYY      | 0.612          | 15.54  | 0.085       | 2.16   | 0.427         | 10.85  | POLY BAGS       | ---   | NO                       |              |
| 68603-YYY      | 0.555          | 14.10  | 0.120       | 3.05   | 0.335         | 8.51   | POLY BAGS       | ---   | NO                       |              |
| 68604-YYY      | 0.600          | 15.24  | 0.120       | 3.05   | 0.380         | 9.65   | POLY BAGS       | ---   | NO                       | NOTE 1,12    |

NOTE 1,12

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|                    |             |          |                                                         |        |                                   |       |                  |    |                        |          |
|--------------------|-------------|----------|---------------------------------------------------------|--------|-----------------------------------|-------|------------------|----|------------------------|----------|
| www.fciconnect.com |             |          | surface<br>ISO 1302                                     |        | tolerance std<br>ISO 406 ISO 1101 |       | projection<br>A4 |    | INCH/MM<br>Scale 1.000 |          |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                   |        |                                   |       |                  |    |                        |          |
| Dr                 | T.BREWBAKER | 01/05/95 | ANGULAR                                                 | LINEAR | 0.X                               | ±0.3  | size             | A4 | ECN                    | Spec ref |
| Eng                | T.HANNA     | 01/05/95 |                                                         |        | 0.XX                              | ±0.15 |                  |    |                        |          |
| Chr                | J.MURPHY    | 01/05/95 |                                                         |        | 0.XXX                             | ±0.05 |                  |    |                        |          |
| Appr               | T.HANNA     | 01/05/95 | Product family                                          |        | BERGSTIK                          |       |                  |    |                        |          |
| FCI                |             |          | title<br>BERGSTIK® II HEADER<br>.100/2.54cc SR STRAIGHT |        |                                   |       | dwg no<br>68000  |    | Rev.<br>DB             |          |
|                    |             |          | catalog no                                              |        |                                   |       | CUSTOMER         |    | sheet 4 of 8           |          |

REV F - 2006-04-17

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PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014

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| PRODUCT NUMBER       | TOTAL PIN LGTH   |                  | TAIL LENGTH      |                 | MATING LENGTH    |                 |                      |                | BERGSTRIPT™   | LF<br>OPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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|                      | DIM F            | DIM F            | DIM G            | DIM G           | DIM H            | DIM H           |                      |                | AVAILABLE     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|                      | ENGLISH          | METRIC           | ENGLISH          | METRIC          | ENGLISH          | METRIC          | PACKAGING            | NOTES          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <del>68629-XXY</del> | <del>0.621</del> | <del>15.77</del> | <del>0.203</del> | <del>5.16</del> | <del>0.318</del> | <del>8.08</del> | <del>POLY BAGS</del> | <del>---</del> | <del>NO</del> | OB<br><br>OB<br><br>OB<br><br>OB<br><br>NOTE 1,12<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><br>OB<br><b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REV F - 2006-04-17

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PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014

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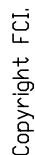
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|--------------------|-------------|----------|---------------------|-----------------------------------|------------------------|----------|--------------|
| www.fciconnect.com |             |          | surface<br>ISO 1302 | tolerance std<br>ISO 406 ISO 1101 | projection<br>ISO 1006 | INCH/MM  |              |
|                    |             |          | ANGULAR             | LINEAR                            | size                   | Scale    |              |
| Dr                 | T.BREWBAKER | 01/05/95 |                     |                                   | A4                     | 1.000    |              |
| Eng                | T.HANNA     | 01/05/95 |                     |                                   |                        |          |              |
| Chr                | J.MURPHY    | 01/05/95 | 0° ±2°              |                                   | ECN                    |          |              |
| Appr               | T.HANNA     | 01/05/95 | Product family      |                                   | BERGSTIK               | Spec ref |              |
| FCI                |             |          | title               |                                   |                        | dwg no   | Rev.         |
|                    |             |          | BERGSTIK® II HEADER |                                   |                        | 68000    | DB           |
|                    |             |          | catalog no          |                                   |                        | CUSTOMER | sheet 5 of 8 |

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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        | PACKAGING | NOTES   | BERGSTRIPTM<br>AVAILABLE | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|-----------|---------|--------------------------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  |           |         |                          |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC |           |         |                          |              |
| 84918-XYH      | 0.340          | 8.64   | 0.120       | 3.05   | 0.120         | 3.05   | POLY BAGS | ---     | YES                      | OB           |
| 84921-XYH      | 0.370          | 9.40   | 0.150       | 3.81   | 0.120         | 3.05   | POLY BAGS | ---     | YES                      | OB           |
| 86506-XXX      | 0.440          | 11.18  | 0.120       | 3.05   | 0.220         | 5.59   | POLY BAGS | ---     | YES                      | OB           |
| 86579-XXX      | 0.450          | 11.43  | 0.120       | 3.05   | 0.230         | 5.84   | POLY BAGS | NOTE 9  | NO                       | OB           |
| 86634-XXX      |                | NOT    | AVAILABLE   |        |               |        |           | ---     | ---                      | NOTE 1,12    |
| 86635-XXX      |                | NOT    | AVAILABLE   |        |               |        |           | ---     | ---                      |              |
| 86636-XXX      |                | NOT    | AVAILABLE   |        |               |        |           | ---     | ---                      |              |
| 86637-XXX      |                | NOT    | AVAILABLE   |        |               |        |           | ---     | ---                      |              |
| 86638-XXX      |                | NOT    | AVAILABLE   |        |               |        |           | ---     | ---                      |              |
| 86793-XXX      | 0.900          | 22.86  | 0.100       | 2.54   | 0.700         | 17.78  | POLY BAGS | NOTE 10 | NO                       | OB           |
| 86899-XXX      | 1.020          | 25.91  | 0.120       | 3.05   | 0.800         | 20.32  | POLY BAGS | ---     | NO                       | OB           |
| 87185-XXX      | 1.238          | 31.45  | 0.095       | 2.41   | 1.043         | 26.49  | POLY BAGS | NOTE 10 | NO                       |              |
| 87204-XXX      | 0.895          | 22.73  | 0.120       | 3.05   | 0.675         | 17.15  | POLY BAGS | ---     | NO                       | OB           |
| 87241-XXX      | 1.000          | 25.40  | 0.120       | 3.05   | 0.780         | 19.81  | POLY BAGS | ---     | NO                       | OB           |
| 87502-XYH      | 1.130          | 28.70  | 0.110       | 2.79   | 0.920         | 23.37  | POLY BAGS | ---     | NO                       | OB           |
| 87827-XXX      | 0.380          | 9.65   | 0.120       | 3.05   | 0.160         | 4.06   | POLY BAGS | ---     | NO                       |              |
| 87916-XXX      | 1.058          | 26.87  | 0.128       | 3.25   | 0.830         | 21.08  | POLY BAGS | ---     | NO                       | NOTE 1,12    |
| 88005-XXX      | 0.536          | 13.61  | 0.095       | 2.41   | 0.341         | 8.66   | POLY BAGS | NOTE 10 | NO                       | OB           |
| 88706-XXX      | 0.900          | 22.86  | 0.100       | 2.54   | 0.700         | 17.78  | POLY BAGS | ---     | NO                       | OB           |
| 89232-XXX      | 0.325          | 8.26   | 0.000       | 0.00   | 0.230         | 5.84   | POLY BAGS | NOTE 7  | NO                       | OB           |



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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                                          | 01/05/95 | ANGULAR                 | LINEAR | 0.X                               | ±0.3   | size                                                                                                | A4           | Scale             |    |  |
| Eng                                                                                   | T.HANNA                                              | 01/05/95 |                         |        | 0.XX                              | ±0.15  |                                                                                                     |              | 1.000             |    |  |
| Chr                                                                                   | J.MURPHY                                             | 01/05/95 |                         |        | 0° ±2°                            | 0.XXX  | ±0.05                                                                                               |              | ECN               |    |  |
| Appr                                                                                  | T.HANNA                                              | 01/05/95 | Product family BERGSTIK |        |                                   |        | Spec ref                                                                                            |              |                   |    |  |
|  | title BERGSTIK® II HEADER<br>.100/2.54cc SR STRAIGHT |          |                         |        |                                   | dwg no | 68000                                                                                               |              | Rev               | DE |  |
|                                                                                       |                                                      |          |                         |        |                                   |        |                                                                                                     |              |                   |    |  |
| catalog no                                                                            |                                                      |          |                         |        | CUSTOMER                          |        |                                                                                                     | sheet 7 of 8 |                   |    |  |

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| PRODUCT NUMBER | TOTAL PIN LGTH |        | TAIL LENGTH |        | MATING LENGTH |        |                     |         | BERGSTRIPT™ | LF<br>OPTION |
|----------------|----------------|--------|-------------|--------|---------------|--------|---------------------|---------|-------------|--------------|
|                | DIM F          | DIM F  | DIM G       | DIM G  | DIM H         | DIM H  |                     |         | AVAILABLE   |              |
|                | ENGLISH        | METRIC | ENGLISH     | METRIC | ENGLISH       | METRIC | PACKAGING           | NOTES   |             |              |
| 90522-XY       | 0.668          | 16.97  | 0.135       | 3.43   | 0.433         | 11.00  | POLY BAGS           | NOTE 10 | NO          | OB           |
| 90547-XY       | 0.508          | 12.90  | 0.095       | 2.41   | 0.313         | 7.95   | POLY BAGS           | NOTE 10 | NO          |              |
| 90719-XY       | 0.384          | 9.75   | 0.106       | 2.69   | 0.178         | 4.52   | POLY BAGS           | —       | NO          | OB           |
| 90726-XY       | 0.440          | 11.18  | 0.110       | 2.79   | 0.230         | 5.84   | POLY BAGS           | —       | YES         |              |
| 91276-XY       | 1.225          | 31.12  | 0.225       | 5.72   | 0.900         | 22.86  | POLY BAGS           | —       | NO          | NOTE 1,12    |
| 92020-XY       | 0.372          | 9.45   | 0.094       | 2.39   | 0.178         | 4.52   | POLY BAGS           | —       | NO          | OB           |
| 92418-XY       | 0.572          | 14.53  | 0.118       | 3.00   | 0.354         | 8.99   | POLY BAGS           | —       | NO          | OB           |
| 93167-XY       | 0.394          | 10.01  | 0.059       | 1.50   | 0.235         | 5.97   | POLY BAGS           | —       | NO          | OB           |
| 93287-XYH      | 0.585          | 14.86  | 0.085       | 2.16   | 0.400         | 10.16  | POLY BAGS           | —       | NO          | OB           |
| 93944-XY       | 0.941          | 23.90  | 0.130       | 3.30   | 0.711         | 18.06  | POLY BAGS           | —       | NO          |              |
| 93992-XYH      | 0.415          | 10.54  | 0.085       | 2.16   | 0.230         | 5.84   | POLY BAGS           | —       | NO          | OB           |
| 94063-XY       | 0.376          | 9.55   | 0.138       | 3.51   | 0.138         | 3.51   | POLY BAGS           | NOTE 10 | NO          |              |
| 94094-XY       | 0.592          | 15.04  | 0.314       | 7.98   | 0.178         | 4.52   | POLY BAGS           | —       | NO          | OB           |
| 94544-XY       | 0.550          | 13.97  | 0.130       | 3.30   | 0.330         | 8.38   | POLY BAGS           | NOTE 10 | NO          | OB           |
| 94611-XYH      | 0.320          | 8.13   | 0.095       | 2.41   | 0.125         | 3.18   | POLY BAGS           | —       | NO          | OB           |
| 95017-XYH      | 0.560          | 14.22  | 0.060       | 1.52   | 0.400         | 10.16  | POLY BAGS           | —       | NO          |              |
| 95103-XY       | 1.064          | 27.03  | 0.433       | 11.00  | 0.531         | 13.49  | POLY BAGS           | NOTE 10 | NO          | OB           |
| 95104-XY       | 0.370          | 9.40   | 0.126       | 3.20   | 0.144         | 3.66   | POLY BAGS           | NOTE 10 | NO          | OB           |
| 95648-XYH      | 0.655          | 16.64  | 0.155       | 3.94   | 0.400         | 10.16  | POLY BAGS           | —       | NO          | OB           |
| 95655-XY       | 1.164          | 29.57  | 0.095       | 2.41   | 0.969         | 24.61  | POLY BAGS           | NOTE 10 | NO          | OB           |
| 98001-XYH      | 0.610          | 15.49  | 0.420       | 10.67  | 0.090         | 2.29   | POLY BAGS           | —       | NO          | OB           |
| 98136-XYH      | 0.475          | 12.07  | 0.095       | 2.41   | 0.280         | 7.11   | POLY BAGS           | —       | NO          | OB           |
| 10004394-XYH   | 0.290          | 7.37   | 0.095       | 2.41   | 0.095         | 2.41   | POLY BAGS           | —       | NO          | OB           |
| 10076764-XYH   | 0.479          | 12.19  | 0.114       | 2.9    | 0.265         | 6.75   | POLY BAGS           | —       | YES         | OB           |
| 10103017-XY    | 0.335          | 8.51   | 0.130       | 3.30   | 0.105         | 2.67   | POLY BAGS           | —       | NO          | OB           |
| 10121349-XY    | 0.626          | 15.9   | 0.120       | 3.05   | 0.406         | 10.3   | POLY BAGS/TAPE REEL | —       | NO          | NOTE 1,12    |



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|                    |             |          |                                       |  |                                   |          |                         |  |              |  |
|--------------------|-------------|----------|---------------------------------------|--|-----------------------------------|----------|-------------------------|--|--------------|--|
| www.fciconnect.com |             |          | surface<br>ISO 1302                   |  | tolerance std<br>ISO 406 ISO 1101 |          | projection<br>A4        |  | INCH/MM      |  |
|                    |             |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                                   |          | size                    |  | Scale        |  |
| Dr                 | T.BREWBAKER | 01/05/95 | ANGULAR                               |  | LINEAR                            |          | 0.X ±0.3                |  | A4 1.000     |  |
| Eng                | T.HANNA     | 01/05/95 |                                       |  |                                   |          | 0.XX ±0.15              |  |              |  |
| Chr                | J.MURPHY    | 01/05/95 | 0° ±2°                                |  |                                   |          | 0.XXX ±0.05             |  | ECN          |  |
| Appr               | T.HANNA     | 01/05/95 | Product family                        |  |                                   | BERGSTIK |                         |  | Spec ref     |  |
| FCI                |             |          | title                                 |  |                                   |          | BERGSTIK® II HEADER     |  | dwg no       |  |
|                    |             |          |                                       |  |                                   |          | .100/2.54cc SR STRAIGHT |  | 68000        |  |
|                    |             |          | catalog no                            |  |                                   |          | CUSTOMER                |  | Rev. DB      |  |
|                    |             |          |                                       |  |                                   |          |                         |  | sheet 8 of 8 |  |

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