

PRODUCT NUMBER

XXXXX-YYY HLF

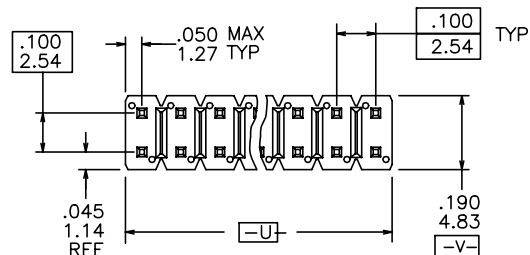
LEAD FREE OPTION  
SEE NOTE 1,7

HIGH TEMPERATURE PLASTIC  
SEE NOTE 1

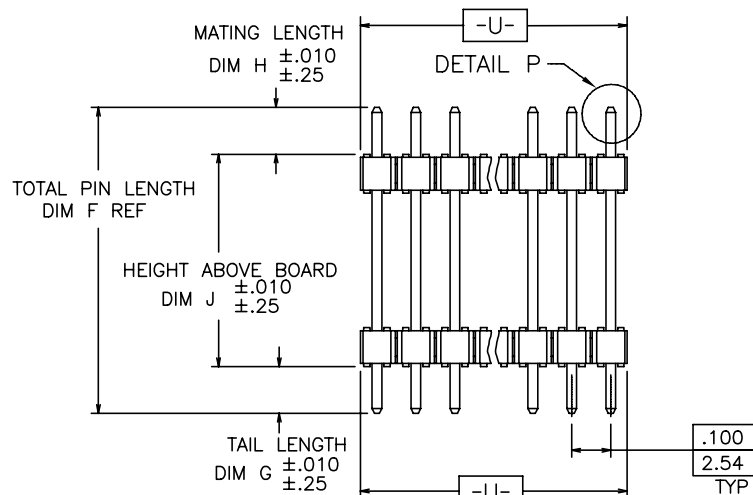
NO. OF  
POSITIONS  
SEE NOTE 1

PIN PLATING  
SEE SHEET 2

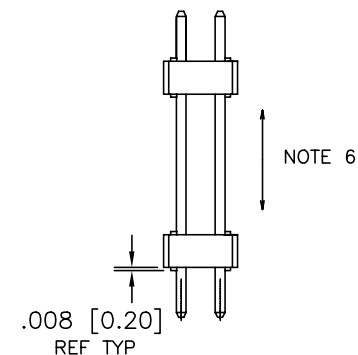
BASE PART NO.



TOP VIEW



SIDE VIEW



END VIEW

⌀ .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

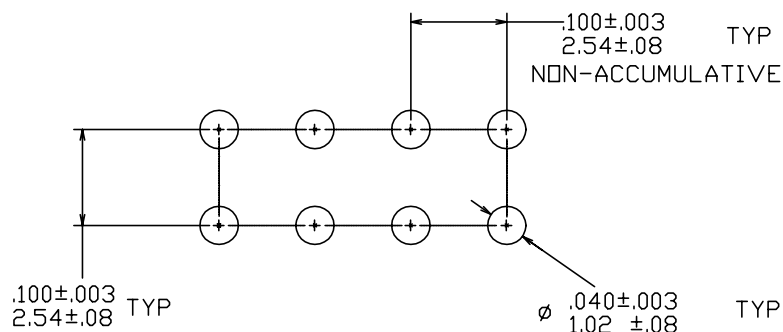
DETAIL P  
TYP BOTH ENDS

| rev | ecn no      | dr  | date       |
|-----|-------------|-----|------------|
| CX  | ELX-N-16105 | ZK  | 2013-10-22 |
| CS  | N06-0165    | 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>A4 | INCH/MM<br>Scale 1.000 |
| Dr                 | T. BREWBAKER | 1/31/95 | ANGULAR                                       | 0.X                               | ±0.3             | size                   |
| Eng                | T. HANNA     | 1/31/95 | LINEAR                                        | 0.XX                              | ±0.15            | ECN                    |
| Chr                | T. HANNA     | 1/31/95 | 0° ±2°                                        | 0.XXX                             | ±0.05            | Spec ref               |
| Appr               | T. HANNA     | 1/31/95 | Product family                                | BERGSTIK                          | dwg no 78563     |                        |
| title              |              |         | BERGSTIK® II HDR, D/R<br>.100 CTR, R.R. TRACK |                                   |                  | Rev. CX                |
| catalog no         |              |         | CUSTOMER                                      |                                   |                  | sheet 1 of 7           |

## 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                 |



DOUBLE ROW  
RECOMMENDED HOLE PATTERN

## 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 & -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.

|                                                                                       |              |         |                         |        |                                   |                       |                                                                                                     |     |                   |              |           |
|---------------------------------------------------------------------------------------|--------------|---------|-------------------------|--------|-----------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------|-----|-------------------|--------------|-----------|
| 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                                                                                                | 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 |                   |              |           |
| Appr                                                                                  | T. HANNA     | 1/31/95 | Product family BERGSTIK |        |                                   |                       | Spec ref                                                                                            |     |                   |              |           |
|  | title        |         |                         |        |                                   | BERGSTIK® II HDR. D/R |                                                                                                     |     |                   |              | Rev<br>CX |
|                                                                                       |              |         |                         |        |                                   | .100 CTR. R.R. TRACK  |                                                                                                     |     |                   |              |           |
|                                                                                       | catalog 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  | OB           |
| 58479-XXYH     | 1.030          | 26.16  | 0.200       | 5.08   | 0.360         | 9.14   | 0.470              | 11.94  | OB           |
| 60056-XXYH     | 0.425          | 10.80  | 0.150       | 3.81   | 0.065         | 1.65   | 0.210              | 5.33   | OB           |
| 71282-XXYH     | 0.543          | 13.79  | 0.102       | 2.59   | 0.213         | 5.41   | 0.228              | 5.79   | OB           |
| 71284-XXYH     | 0.920          | 23.37  | 0.122       | 3.10   | 0.372         | 9.45   | 0.426              | 10.82  | OB           |
| 71285-XXYH     | 1.075          | 27.31  | 0.110       | 2.79   | 0.350         | 8.89   | 0.615              | 15.62  | OB           |
| 71704-XXYH     | 1.145          | 29.08  | 0.354       | 8.99   | 0.354         | 8.99   | 0.437              | 11.10  | OB           |
| 71725-XXYH     | 1.110          | 28.19  | 0.110       | 2.79   | 0.370         | 9.40   | 0.630              | 16.00  | OB           |
| 71726-XXYH     | 1.380          | 35.05  | 0.315       | 8.00   | 0.315         | 8.00   | 0.750              | 19.05  | OB           |
| 71728-XXYH     | 1.200          | 30.48  | 0.100       | 2.54   | 0.254         | 6.45   | 0.846              | 21.49  | OB           |
| 71739-XXYH     | 0.945          | 24.00  | 0.110       | 2.79   | 0.110         | 2.79   | 0.725              | 18.42  | OB           |
| 71741-XXYH     | 1.340          | 34.04  | 0.110       | 2.79   | 0.330         | 8.38   | 0.900              | 22.86  | OB           |
| 71758-XXYH     | 1.123          | 28.52  | 0.394       | 10.01  | 0.394         | 10.01  | 0.335              | 8.51   | OB           |
| 71797-XXYH     | 0.705          | 17.91  | 0.125       | 3.18   | 0.240         | 6.10   | 0.340              | 8.64   | OB           |
| 72302-XXYH     | 1.176          | 29.87  | 0.100       | 2.54   | 0.230         | 5.84   | 0.846              | 21.49  | OB           |
| 72307-XXYH     | 0.880          | 22.35  | 0.250       | 6.35   | 0.330         | 8.38   | 0.300              | 7.62   | NOTE 1,7     |
| 72334-XXYH     | 0.775          | 19.69  | 0.120       | 3.05   | 0.230         | 5.84   | 0.425              | 10.80  | OB           |
| 72335-XXYH     | 1.250          | 31.75  | 0.120       | 3.05   | 0.230         | 5.84   | 0.900              | 22.86  | OB           |
| 72345-XXYH     | 0.630          | 16.00  | 0.100       | 2.54   | 0.230         | 5.84   | 0.300              | 7.62   | OB           |
| 72320-XXYH     | 1.158          | 29.41  | 0.100       | 2.54   | 0.290         | 7.37   | 0.768              | 19.51  | OB           |
| 72431-XXYH     | 1.150          | 29.21  | 0.262       | 6.65   | 0.262         | 6.65   | 0.626              | 15.90  | OB           |
| 72461-XXYH     | 1.190          | 30.23  | 0.090       | 2.29   | 0.350         | 8.89   | 0.750              | 19.05  | OB           |
| 72471-XXYH     | 1.286          | 32.66  | 0.130       | 3.30   | 0.406         | 10.31  | 0.750              | 19.05  | OB           |
| 72509-XXYH     | 1.370          | 34.80  | 0.235       | 5.97   | 0.235         | 5.97   | 0.900              | 22.86  | OB           |
| 72514-XXYH     | 1.220          | 30.99  | 0.120       | 3.05   | 0.350         | 8.89   | 0.750              | 19.05  | OB           |
| 72521-XXYH     | 0.900          | 22.86  | 0.200       | 5.08   | 0.300         | 7.62   | 0.400              | 10.16  | OB           |
| 73428-XXYH     | 1.330          | 33.78  | 0.330       | 8.38   | 0.727         | 18.47  | 0.273              | 6.93   | OB           |
| 73500-XXYH     | 0.870          | 22.10  | 0.300       | 7.62   | 0.300         | 7.62   | 0.270              | 6.86   | OB           |

|                    |              |         |                                       |  |                                   |          |                  |  |                        |  |
|--------------------|--------------|---------|---------------------------------------|--|-----------------------------------|----------|------------------|--|------------------------|--|
| 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 | 1/31/95 | ANGULAR                               |  | LINEAR                            |          | size             |  | A4                     |  |
| Eng                | T. HANNA     | 1/31/95 | 0°                                    |  | ±2°                               |          | 0.X              |  | ±0.3                   |  |
| Chr                | T. HANNA     | 1/31/95 | 0°                                    |  | ±2°                               |          | 0.XX             |  | ±0.15                  |  |
| Appr               | T. HANNA     | 1/31/95 | 0°                                    |  | ±2°                               |          | 0.XXX            |  | ±0.05                  |  |
| Product family     |              |         | BERGSTIK                              |  |                                   | Spec ref |                  |  |                        |  |
| title              |              |         | BERGSTIK® II HDR, D/R                 |  |                                   | dwg no   |                  |  | 78563                  |  |
| catalog no         |              |         |                                       |  |                                   | CUSTOMER |                  |  | sheet 3 of 7           |  |
|                    |              |         |                                       |  |                                   |          |                  |  | Rev. CX                |  |

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

|                    |              |         |                                       |  |                                   |  |                        |       |              |       |
|--------------------|--------------|---------|---------------------------------------|--|-----------------------------------|--|------------------------|-------|--------------|-------|
| www.fciconnect.com |              |         | surface<br>ISO 1302                   |  | tolerance std<br>ISO 406 ISO 1101 |  | projection<br>ISO 1006 |       | INCH/MM      |       |
|                    |              |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                                   |  |                        |       |              |       |
| Dr                 | T. BREWBAKER | 1/31/95 | ANGULAR                               |  | LINEAR                            |  | 0.X                    | ±0.3  | size         | A4    |
| Eng                | T. HANNA     | 1/31/95 |                                       |  |                                   |  | 0.XX                   | ±0.15 | Scale        | 1.000 |
| Chr                | T. HANNA     | 1/31/95 | 0° ±2°                                |  |                                   |  | 0.XXX                  | ±0.05 | ECN          |       |
| Appr               | T. HANNA     | 1/31/95 | Product family                        |  |                                   |  | BERGSTIK               |       | Spec ref     |       |
| FCI                |              |         | title                                 |  |                                   |  | BERGSTIK® II HDR. D/R  |       | dwg no       |       |
|                    |              |         |                                       |  |                                   |  | .100 CTR. R.R. TRACK   |       | 78563        |       |
|                    |              |         | catalog no                            |  |                                   |  | CUSTOMER               |       | Rev. CX      |       |
|                    |              |         |                                       |  |                                   |  |                        |       | sheet 4 of 7 |       |

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PDS: Rev :CX

STATUS:Released

Printed: Oct 29, 2013

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

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| www.fciconnect.com                    |              |         | surface<br>ISO 1302 ✓ |  | tolerance std<br>ISO 406 ISO 1101 |  | projection<br>A4      |  | INCH/MM<br>←→ |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |              |         | ANGULAR               |  | LINEAR                            |  | size                  |  | Scale         |  |
| Dr                                    | T. BREWBAKER | 1/31/95 |                       |  |                                   |  | A4                    |  | 1.000         |  |
| Eng                                   | T. HANNA     | 1/31/95 |                       |  |                                   |  |                       |  |               |  |
| Chr                                   | T. HANNA     | 1/31/95 | 0° ±2°                |  | 0.XXX ±0.05                       |  | ECN                   |  |               |  |
| Appr                                  | T. HANNA     | 1/31/95 | Product family        |  |                                   |  | BERGSTIK              |  | Spec ref      |  |
| FCI                                   |              |         | title                 |  |                                   |  | BERGSTIK® II HDR, D/R |  |               |  |
|                                       |              |         |                       |  |                                   |  | .100 CTR, R.R. TRACK  |  |               |  |
|                                       |              |         | catalog no            |  |                                   |  | CUSTOMER              |  |               |  |
|                                       |              |         |                       |  |                                   |  | sheet 5 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           |              |
| <del>92002-XYHH</del> | <del>0.980</del> | <del>24.89</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.410</del> | <del>10.41</del> | <del>0.450</del>   | <del>11.43</del> | OB           |
| <del>92012-XYHH</del> | <del>0.940</del> | <del>23.88</del> | <del>0.090</del> | <del>2.29</del>  | <del>0.350</del> | <del>8.89</del>  | <del>0.500</del>   | <del>12.70</del> | OB           |
| <del>92013-XYHH</del> | <del>1.450</del> | <del>36.83</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.330</del> | <del>8.38</del>  | <del>1.000</del>   | <del>25.40</del> | OB           |
| <del>92094-XYHH</del> | <del>1.030</del> | <del>26.16</del> | <del>0.180</del> | <del>4.57</del>  | <del>0.180</del> | <del>4.57</del>  | <del>0.670</del>   | <del>17.02</del> | OB           |
| <del>92628-XYHH</del> | <del>1.160</del> | <del>29.46</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.230</del> | <del>5.84</del>  | <del>0.810</del>   | <del>20.57</del> | OB           |
| <del>92900-XYHH</del> | <del>0.470</del> | <del>11.94</del> | <del>0.110</del> | <del>2.79</del>  | <del>0.110</del> | <del>2.79</del>  | <del>0.250</del>   | <del>6.35</del>  | OB           |
| <del>93223-XYHH</del> | <del>0.635</del> | <del>16.13</del> | <del>0.090</del> | <del>2.29</del>  | <del>0.230</del> | <del>5.84</del>  | <del>0.315</del>   | <del>8.00</del>  | OB           |
| <del>94046-XYHH</del> | <del>0.620</del> | <del>15.75</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.250</del> | <del>6.35</del>  | <del>0.250</del>   | <del>6.35</del>  | OB           |
| <del>94082-XYHH</del> | <del>0.838</del> | <del>21.29</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.318</del> | <del>8.08</del>  | <del>0.400</del>   | <del>10.16</del> | OB           |
| <del>94083-XYHH</del> | <del>1.398</del> | <del>35.51</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.318</del> | <del>8.08</del>  | <del>0.960</del>   | <del>24.38</del> | OB           |
| <del>94084-XYHH</del> | <del>0.775</del> | <del>19.69</del> | <del>0.130</del> | <del>3.30</del>  | <del>0.265</del> | <del>6.73</del>  | <del>0.380</del>   | <del>9.65</del>  | OB           |
| <del>94085-XYHH</del> | <del>0.825</del> | <del>20.96</del> | <del>0.130</del> | <del>3.30</del>  | <del>0.265</del> | <del>6.73</del>  | <del>0.430</del>   | <del>10.92</del> | OB           |
| <del>94550-XYHH</del> | <del>1.110</del> | <del>28.19</del> | <del>0.125</del> | <del>3.18</del>  | <del>0.300</del> | <del>7.62</del>  | <del>0.685</del>   | <del>17.40</del> | OB           |
| <del>94551-XYHH</del> | <del>1.120</del> | <del>28.45</del> | <del>0.415</del> | <del>10.54</del> | <del>0.415</del> | <del>10.54</del> | <del>0.290</del>   | <del>7.37</del>  | OB           |
| <del>94552-XYHH</del> | <del>1.230</del> | <del>31.24</del> | <del>0.110</del> | <del>2.79</del>  | <del>0.205</del> | <del>5.21</del>  | <del>0.915</del>   | <del>23.24</del> | OB           |
| <del>94553-XYHH</del> | <del>1.230</del> | <del>31.24</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.310</del> | <del>7.87</del>  | <del>0.800</del>   | <del>20.32</del> | OB           |
| <del>94554-XYHH</del> | <del>1.250</del> | <del>31.75</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.330</del> | <del>8.38</del>  | <del>0.800</del>   | <del>20.32</del> | OB           |
| <del>94555-XYHH</del> | <del>1.270</del> | <del>32.26</del> | <del>0.385</del> | <del>9.78</del>  | <del>0.385</del> | <del>9.78</del>  | <del>0.500</del>   | <del>12.70</del> | OB           |
| <del>94605-XYHH</del> | <del>0.830</del> | <del>21.08</del> | <del>0.110</del> | <del>2.79</del>  | <del>0.270</del> | <del>6.86</del>  | <del>0.450</del>   | <del>11.43</del> | OB           |
| <del>94620-XYHH</del> | <del>1.002</del> | <del>25.45</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.382</del> | <del>9.70</del>  | <del>0.500</del>   | <del>12.70</del> | OB           |
| <del>94621-XYHH</del> | <del>0.590</del> | <del>14.99</del> | <del>0.100</del> | <del>2.54</del>  | <del>0.260</del> | <del>6.60</del>  | <del>0.230</del>   | <del>5.84</del>  | OB           |
| <del>94632-XYHH</del> | <del>1.040</del> | <del>26.42</del> | <del>0.110</del> | <del>2.79</del>  | <del>0.305</del> | <del>7.75</del>  | <del>0.625</del>   | <del>15.88</del> | OB           |
| <del>94672-XYHH</del> | <del>0.750</del> | <del>19.05</del> | <del>0.120</del> | <del>3.05</del>  | <del>0.335</del> | <del>8.51</del>  | <del>0.295</del>   | <del>7.49</del>  | OB           |
| <del>95036-XYHH</del> | <del>1.304</del> | <del>33.12</del> | <del>0.290</del> | <del>7.37</del>  | <del>0.290</del> | <del>7.37</del>  | <del>0.724</del>   | <del>18.39</del> | OB           |
| <del>95063-XYHH</del> | <del>0.902</del> | <del>22.91</del> | <del>0.135</del> | <del>3.43</del>  | <del>0.330</del> | <del>8.38</del>  | <del>0.437</del>   | <del>11.10</del> | OB           |
| <del>95064-XYHH</del> | <del>0.630</del> | <del>16.00</del> | <del>0.220</del> | <del>5.59</del>  | <del>0.120</del> | <del>3.05</del>  | <del>0.290</del>   | <del>7.37</del>  | OB           |
| <del>95088-XYHH</del> | <del>1.100</del> | <del>27.94</del> | <del>0.300</del> | <del>7.62</del>  | <del>0.300</del> | <del>7.62</del>  | <del>0.500</del>   | <del>12.70</del> | 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 | 1/31/95 | ANGULAR                               | LINEAR                            | 0.X ±0.3                                      | size A4 Scale 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                 |
| Appr               | T. HANNA     | 1/31/95 | Product family                        |                                   | BERGSTIK                                      | Spec ref            |
|                    |              |         | title                                 |                                   | BERGSTIK® II HDR. D/R<br>.100 CTR. R.R. TRACK |                     |
|                    |              |         | catalog no                            |                                   | dwg no                                        | 78563               |
|                    |              |         |                                       |                                   | Rev.                                          | CX                  |
|                    |              |         | CUSTOMER                              |                                   | sheet 6 of 7                                  |                     |

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PDS: Rev :CX

STATUS:Released

Printed: Oct 29, 2013

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

|                    |              |         |                                                        |        |                                   |       |                 |                |               |  |
|--------------------|--------------|---------|--------------------------------------------------------|--------|-----------------------------------|-------|-----------------|----------------|---------------|--|
| 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.XXX                             | ±0.05 |                 |                |               |  |
| 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>CX    |  |
|                    |              |         | catalog no                                             |        |                                   |       | CUSTOMER        |                | sheet 7 of 7  |  |

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PDS: Rev :CX

STATUS:Released

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