

# PRODUCT NUMBER

10123427-XXX.XXX.XLF

LEAD FREE OPTION  
SEE NOTE 1,4

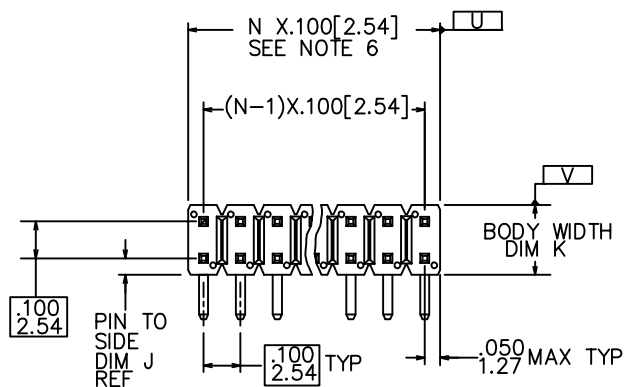
PACKAGING OPTION  
SEE NOTE 1

INDICATE DIFFERENT MATING LENGTH  
AND TAIL LENGTH AND POLARIZED PIN  
AND OTHER INFORMATION (SEE SHEET 3)

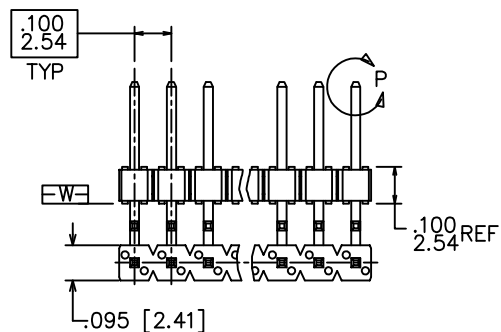
NO OF  
POSITIONS  
SEE NOTE 1

PIN PLATING  
SEE SHEET 2

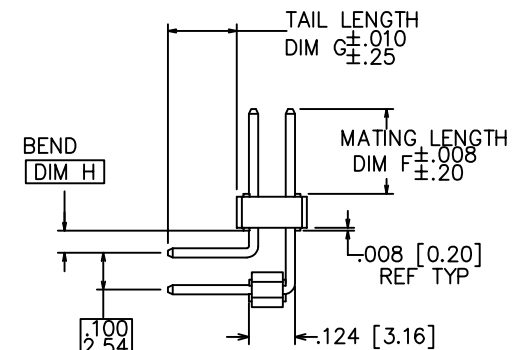
BASE PART NO.



TOP VIEW



DETAIL P  
TYP BOTH ENDS



END VIEW

Φ .020/.51 M U M V W

0.025±.001  
0.64±0.03 TYP

.013  
0.33 MAX TYP

25°±5° TYP  
4 SIDES

|                            |                |    |      |                                       |  |                                  |             |                                                                                                     |  |                                                                                       |          |                                                       |      |
|----------------------------|----------------|----|------|---------------------------------------|--|----------------------------------|-------------|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|----------|-------------------------------------------------------|------|
| mat'l. code<br>NOTES 2 & 3 |                |    |      | surface<br>ISO 1302 ✓                 |  | tolerance<br>ISO 406<br>ISO 1101 |             | projection<br> |  | product family<br>BERGSTIK                                                            |          |                                                       |      |
| ltr                        | ecn no         | dr | date | tolerances unless otherwise specified |  |                                  |             |                                                                                                     |  | title                                                                                 |          |                                                       |      |
| A                          | NEW RELEASE    |    | MZ   | 2015-06-12                            |  | angles                           | linear      | .XXX±.01/.XXX±.03                                                                                   |  | INCH/MM                                                                               |          | BERGSTIK <sup>®</sup> II HEADER<br>.100/2.54cc DR R/A |      |
| B                          | ELX-N-21195    |    | MZ   | 2015-06-19                            |  |                                  |             | .XXX±.005/.XXX±.013                                                                                 |  |                                                                                       |          |                                                       |      |
|                            |                |    |      |                                       |  | 0°±2°                            |             | .XXX±.0020/.XXX±.0051                                                                               |  |                                                                                       |          |                                                       |      |
|                            |                |    |      |                                       |  |                                  |             |                                                                                                     |  | scale 1:1                                                                             |          |                                                       |      |
|                            |                |    |      |                                       |  | dr                               | Zhou Mike   | 2015-06-12                                                                                          |  |  | dwg no   | sheet 1 of 3                                          | size |
|                            |                |    |      |                                       |  | enrg                             | Han John    | 2015-06-12                                                                                          |  |                                                                                       | 10123427 |                                                       | A3   |
|                            |                |    |      |                                       |  | chr                              | Hu ZhengKun | 2015-06-12                                                                                          |  |                                                                                       |          |                                                       |      |
|                            |                |    |      |                                       |  | appd                             | Yao Tim     | 2015-06-12                                                                                          |  |                                                                                       | type     | Product Customer Drawing                              |      |
| sheet index                | revision sheet | B  | B    | B                                     |  |                                  |             |                                                                                                     |  |                                                                                       |          |                                                       |      |
|                            |                | 1  | 2    | 3                                     |  |                                  |             |                                                                                                     |  |                                                                                       |          |                                                       |      |

## PIN PLATING CODES:

|                    |                                           |
|--------------------|-------------------------------------------|
| 10123427-3YYYXXXLf | 50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni  |
| 10123427-4YYYXXXLf | 100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni |
| 10123427-5YYYXXXLf | 30u"/0.76uMIN Au OVER 50u"/1.27u MIN Ni   |
| 10123427-6YYYXXXLf | 15u"/0.38uMIN Au OVER 50u"/1.27u MIN Ni   |
| 10123427-7YYYXXXLf | 15u"/0.38uMIN GXT OVER 50u"/1.27u MIN Ni  |
| 10123427-8YYYXXXLf | 30u"/0.76uMIN GXT OVER 50u"/1.27u MIN Ni  |

## NOTES:

## 1. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

## NUMBER OF POSITION:

EVEN NUMBER OF POSITIONS FROM 2 (2X1) THRU 72 (2X36).(ONLY HAVE TOOL FOR 2x3 AND 2X6)

## PACKING STYLE DEFINITION.

NONE: PACKED WITH POLY BAG PER BUS-14-099

T: PACKED WITH TUBE PER BUS-14-212

## LEAD FREE:

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

## 2. BODY MATERIAL:

HIGH TEMP. MATERIAL, UL-94V-0, COLOR BLACK.

## 3. PIN MATERIAL: COPPER ALLOY.

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

## 5. THE OAL DON'T EXCEED 31mm

OAL= MATTING DIM + TAIL DIM +4.0mm&lt;=31mm "WHERE THE SUM OF TAIL

LEGTH DON'T EXCEED 27mm

TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm

MATTING LENGTH MIN 1.5mm MATTING LENGTH MAX 25.4mm

## 6. TO DETERMINE DIMENSIONS:

N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 POS. N X .100/2.54

## 7. PART NUMBER WILL WITHSTAND EXPOSURE TO 260°PEAK TEMPERATURE

FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

## 8. PRODUCT SPECIFICATION REFER TO BUS-12-050

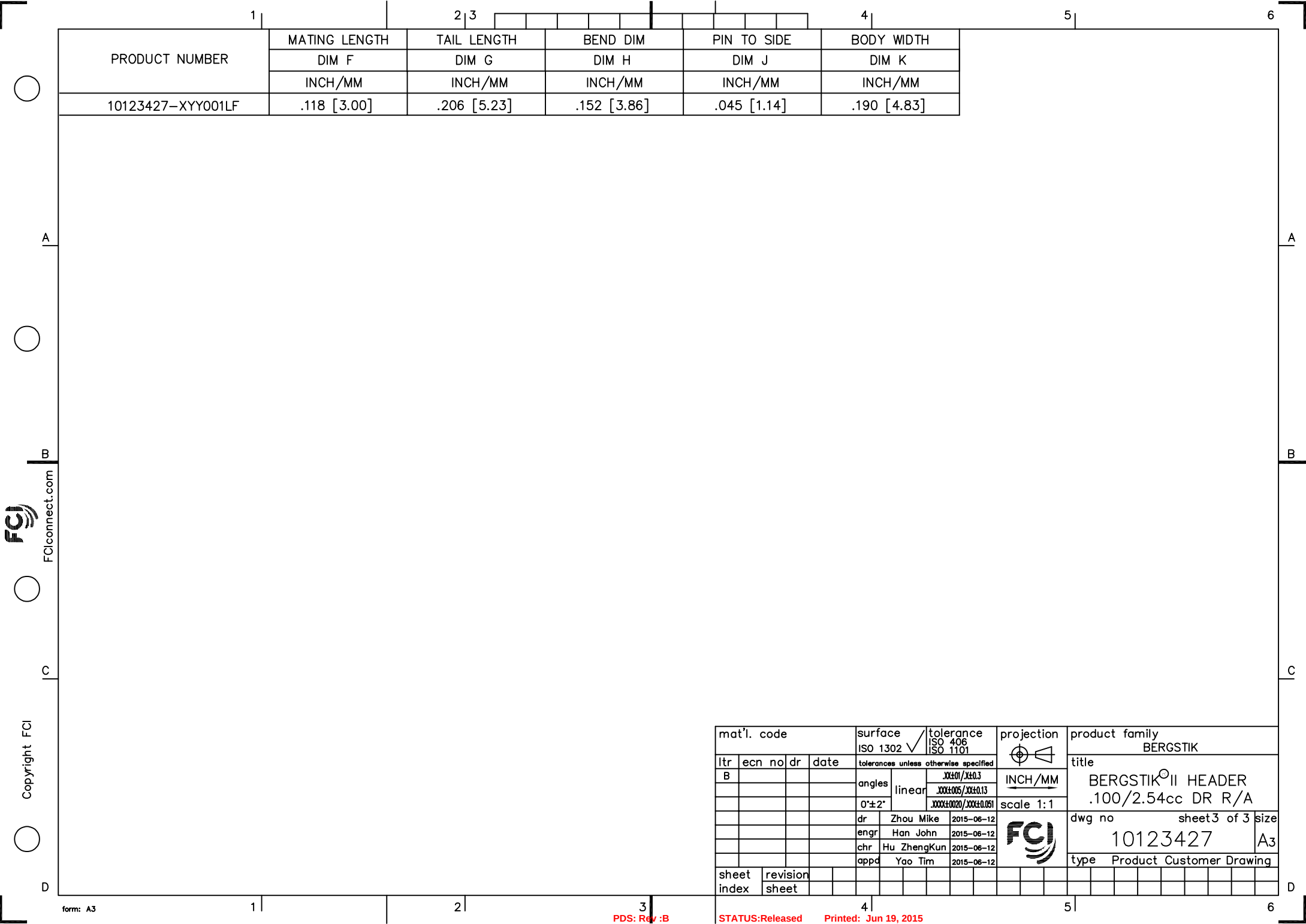
.100±.003 [2.54±.08]  
TYP. NON-ACCUMULATIVE

Ø.040±.003 [1.02±.08]  
TYP.

.100±.003 [2.54±.08]

## RECOMMENDED HOLE PATTERN

|                            |          |       |    |                       |                                       |                       |                                 |                          |             |
|----------------------------|----------|-------|----|-----------------------|---------------------------------------|-----------------------|---------------------------------|--------------------------|-------------|
| mat'l. code<br>NOTES 2 & 3 |          |       |    | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101      | projection<br>INCH/MM | product family<br>BERGSTIK      |                          |             |
| ltr                        | ecn      | no    | dr | date                  | tolerances unless otherwise specified |                       | title                           |                          |             |
| B                          |          |       |    |                       | angles                                | linear                | BERGSTIK <sup>®</sup> II HEADER |                          |             |
|                            |          |       |    |                       | 0°±2°                                 |                       | .100/2.54cc DR R/A              |                          |             |
|                            |          |       |    |                       | dr                                    | Zhou Mike             | 2015-06-12                      | dwg no                   | sheet2 of 3 |
|                            |          |       |    |                       | enr                                   | Zhou Mike             | 2015-06-12                      | 10123427                 | A3          |
|                            |          |       |    |                       | chr                                   | Hu ZhengKun           | 2015-06-12                      | type                     |             |
|                            |          |       |    |                       | appd                                  | Yao Tim               | 2015-06-12                      | Product Customer Drawing |             |
| sheet index                | revision | sheet |    |                       |                                       |                       |                                 |                          |             |



|                  |               |             |             |             |             |
|------------------|---------------|-------------|-------------|-------------|-------------|
| PRODUCT NUMBER   | MATING LENGTH | TAIL LENGTH | BEND DIM    | PIN TO SIDE | BODY WIDTH  |
|                  | DIM F         | DIM G       | DIM H       | DIM J       | DIM K       |
|                  | INCH/MM       | INCH/MM     | INCH/MM     | INCH/MM     | INCH/MM     |
| 10123427-XY001LF | .118 [3.00]   | .206 [5.23] | .152 [3.86] | .045 [1.14] | .190 [4.83] |

|             |                |    |      |                                       |                                  |                                                                                                     |                                                                                       |  |  |
|-------------|----------------|----|------|---------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--|
| mat'l. code |                |    |      | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406<br>ISO 1101 | projection<br> | product family<br>BERGSTIK                                                            |  |  |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |                                  | INCH/MM<br>↔                                                                                        | title<br>BERGSTIK <sup>II</sup> HEADER<br>.100/2.54cc DR R/A                          |  |  |
| B           |                |    |      | angles                                | linear                           |                                                                                                     |                                                                                       |  |  |
|             |                |    |      | 0°±2°                                 |                                  |                                                                                                     |                                                                                       |  |  |
|             |                |    |      | dr                                    | Zhou Mike                        | 2015-06-12                                                                                          |  |  |  |
|             |                |    |      | enr                                   | Han John                         | 2015-06-12                                                                                          |                                                                                       |  |  |
|             |                |    |      | chr                                   | Hu ZhengKun                      | 2015-06-12                                                                                          |                                                                                       |  |  |
|             |                |    |      | app                                   | Yao Tim                          | 2015-06-12                                                                                          |                                                                                       |  |  |
| sheet index | revision sheet |    |      |                                       |                                  |                                                                                                     | scale 1:1                                                                             |  |  |
|             |                |    |      |                                       |                                  |                                                                                                     | dwg no                                                                                |  |  |
|             |                |    |      |                                       |                                  |                                                                                                     | sheet 3 of 3                                                                          |  |  |
|             |                |    |      |                                       |                                  |                                                                                                     | size                                                                                  |  |  |
|             |                |    |      |                                       |                                  |                                                                                                     | 10123427                                                                              |  |  |
|             |                |    |      |                                       |                                  |                                                                                                     | A3                                                                                    |  |  |
|             |                |    |      |                                       |                                  |                                                                                                     | type                                                                                  |  |  |
|             |                |    |      |                                       |                                  |                                                                                                     | Product Customer Drawing                                                              |  |  |



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