

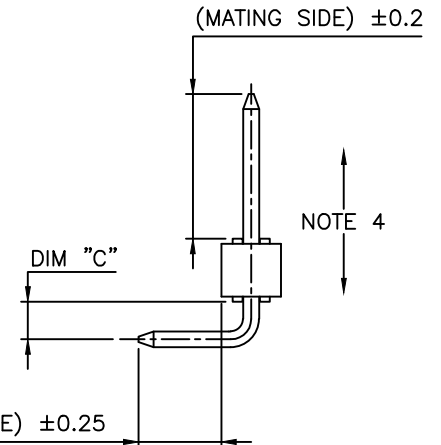
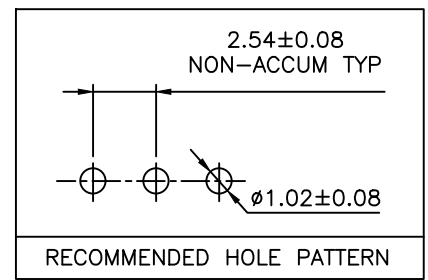
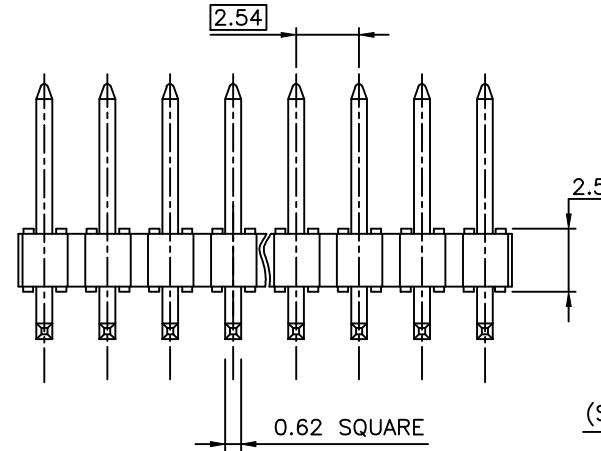
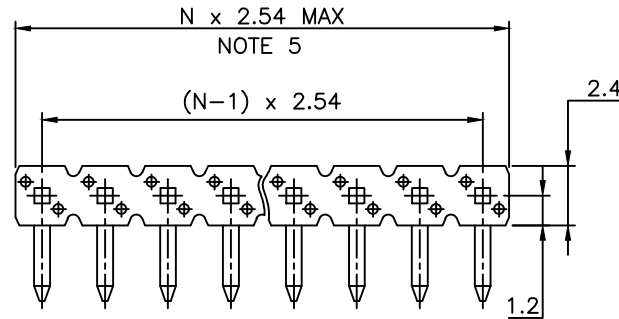
# PRODUCT NUMBER

77315-YXX-XXLF

- RoHS COMPATIBLE  
SEE NOTE 7
- TOTAL NB OF POSITIONS 01 TO 36
- PACKAGING, NOTE 3
- PIN STYLE SEE SHEET 2
- PLATING SEE SHEET 2

## NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PACKAGING:
  - PACKAGING POLYBAG
  - "V" BLIBOX PACK FOR CUSTOMER DEDICATED PART
  - "K" TAPE & REEL PACKAGING WITHOUT PICK UP CAP
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- UNDERPLATING : 1.27μm Ni MIN
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - PLATING:
    - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2μm MINIMUM MATTE TIN OVER 1.27μm MINIMUM NICKEL UNDERPLATE.
  - MANUFACTURING PROCESS COMPATIBILITY
    - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
    - REFLOW COMPATIBLE
  - LABELING:
    - MEETS PACKAGING SPECS AS PER GS-14-920
  - LEGAL STATEMENT: SEE GS-47-0004



|                          |          |     |          |                                       |                               |                  |                            |
|--------------------------|----------|-----|----------|---------------------------------------|-------------------------------|------------------|----------------------------|
| mat'l. code<br>SEE NOTES |          |     |          | surface<br>ISO 1302                   | tolerance<br>ISO 406 ISO 1101 | projection<br>mm | product family<br>BERGSTIK |
| ltr                      | ecn no   | dr  | date     | tolerances unless otherwise specified |                               | mm               | title                      |
| AT                       | F-23187  | AMA | 16.02.01 | angles                                | .X ±0.3                       | mm               | UNSHR.HEADER               |
| AU                       | F-23373  | AMA | 16.02.26 | linear                                | .XX ±0.15                     | mm               | RA SR TMT                  |
| AV                       | F-23462  | LMU | 16.03.07 |                                       | .XXX ±0.05                    | scale 5:1        |                            |
| AW                       | F-23551  | LMU | 16.03.21 | dr                                    | D.LE                          | 01.01.24         | dwg no                     |
| AX                       | F-24328  | AMA | 16.06.17 | enrg                                  | JM.C                          | 01.01.24         | sheet 1 of 2               |
| AY                       | F-25336  | DDE | 16.11.15 | chr                                   | JM.C                          | 01.01.24         | size                       |
| BA                       | F-25361  | DDE | 16.11.16 | appd                                  | JF.N                          | 01.01.24         | A3                         |
| sheet                    | revision | BA  | AU       |                                       |                               |                  | type                       |
| index                    | sheet    | 1   | 2        |                                       |                               |                  | CUSTOMER Drawing           |



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## PRODUCT SPECIFICATIONS

| PIN | STYLE | MATING | SOLDER | DIM "C" |
|-----|-------|--------|--------|---------|
| 01  |       | 5.72   | 2.57   | 1.5     |
| 02  |       | 5.72   | 5.11   | 1.5     |
| 03  |       | 5.72   | 7.65   | 1.5     |
| 07  |       | 5.72   | 5.11   | 3.9     |
| 13  |       | 5.72   | 3.45   | 1.5     |
| 18  |       | 5.84   | 3.05   | 1.5     |
| 22  |       | 11.71  | 3.2    | 1.5     |
| 24  |       | 6.75   | 2.85   | 1.5     |
| 25  |       | 8.07   | 3.05   | 1.5     |
| 26  |       | 8.2    | 12.6   | 1.5     |
| 27  |       | 5      | 3.9    | 1.5     |
| 28  |       | 3.1    | 3.1    | 1.5     |
| 29  |       | 9.7    | 2.90   | 1.5     |
| 30  |       | 8.30   | 4.40   | 1.5     |
| 31  |       | 11.70  | 2.80   | 1.5     |
| 32  |       | 8.90   | 3.05   | 1.5     |
| 33  |       | 10.20  | 3.05   | 1.5     |
| 34  |       | 10.00  | 3.25   | 1.5     |
| 35  |       | 5.72   | 12.73  | 1.5     |
| 36  |       | N/A    |        |         |
| 37  |       | N/A    |        |         |
| 38  |       | 8.51   | 5.51   | 1.5     |
| 39  |       | 9.80   | 9.30   | 1.5     |
| 40  |       | 8.13   | 2.54   | 3.90    |
| 41  |       | 14.20  | 3.05   | 1.5     |
| 42  |       | 9.00   | 7.20   | 1.5     |
| 43  |       | 8.08   | 2.79   | 1.5     |
| 44  |       | 15.70  | 2.79   | 1.5     |
| 45  |       | 8.20   | 2.35   | 1.5     |
| 46  |       | 3.10   | 9.90   | 1.5     |
| 47  |       | 2.30   | 2.30   | 1.5     |
| 48  |       | 3.50   | 3.05   | 1.5     |

## PLATING

1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

4 = 3µm-5µm TIN FULL PLATED REFLOW

5 = 0.25µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

8 = 0.38µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

G = 0.76µm FULL GXT

S = 0.38µm FULL GXT

- 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

|                          |                |     |          |                                       |        |                               |  |                                                                                       |                                                                                       |  |                           |         |
|--------------------------|----------------|-----|----------|---------------------------------------|--------|-------------------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|---------------------------|---------|
| mat'l. code<br>SEE NOTES |                |     |          | surface<br>ISO 1302 ✓                 |        | tolerance<br>ISO 406 ISO 1101 |  |  | product family<br>BERGSTIK                                                            |  |                           |         |
| ltr                      | ecn no         | dr  | date     | tolerances unless otherwise specified |        |                               |  |                                                                                       | title                                                                                 |  |                           |         |
| AP                       | F-23462        | LMU | 16.03.07 | angles                                | linear | .X ±0.3                       |  |                                                                                       |  |  | UNSHR.HEADER<br>RA SR TMT |         |
| AR                       | F-23551        | LMU | 16.03.21 |                                       |        | .XX ±0.15                     |  |                                                                                       |                                                                                       |  |                           |         |
| AS                       | F-24328        | AMA | 16.06.17 |                                       |        | .XXX ±0.05                    |  |                                                                                       |                                                                                       |  |                           |         |
| AT                       | F-25336        | DDE | 16.11.15 | dr                                    | D.LE   | 01.01.24                      |  |  | dwg no                                                                                |  | sheet 2 of 2              | size    |
| AU                       | F-25361        | DDE | 16.11.16 | enrg                                  | JM.C   | 01.01.24                      |  |                                                                                       | 77315                                                                                 |  | A3                        |         |
|                          |                |     |          | chr                                   | JM.C   | 01.01.24                      |  |                                                                                       |                                                                                       |  |                           |         |
| AN                       | F-23373        | AMA | 16.02.26 | appd                                  | JF.N   | 01.01.24                      |  |                                                                                       | type                                                                                  |  | CUSTOMER                  | Drawing |
| sheet index              | revision sheet |     |          |                                       |        |                               |  |                                                                                       |                                                                                       |  |                           |         |