

# PRODUCT NUMBER

77317-YXX-XXLF

RoHS COMPATIBLE  
SEE NOTE 7

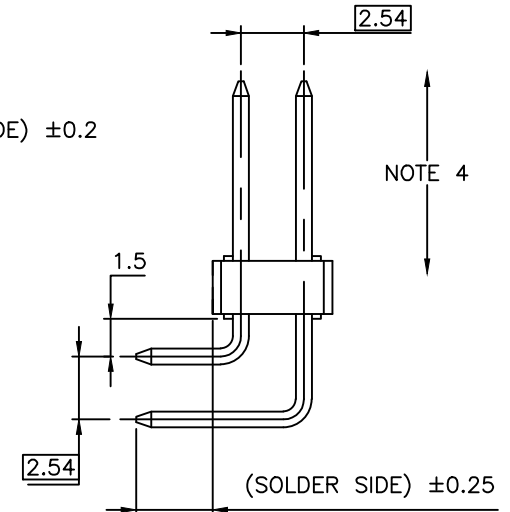
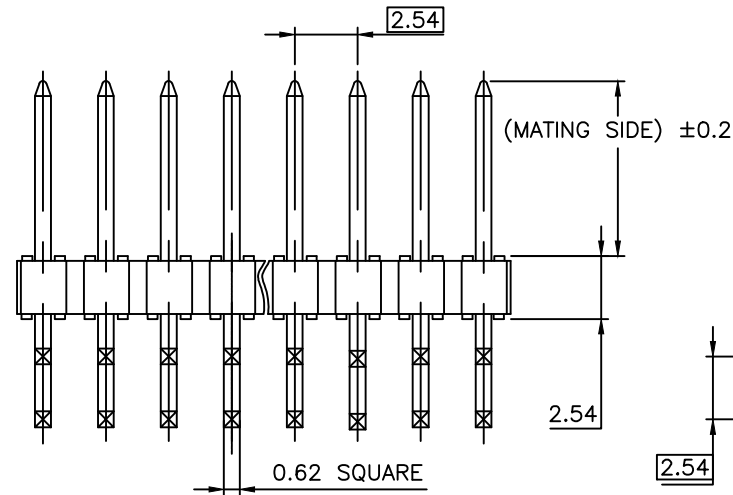
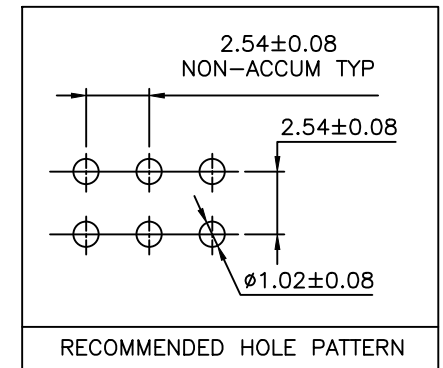
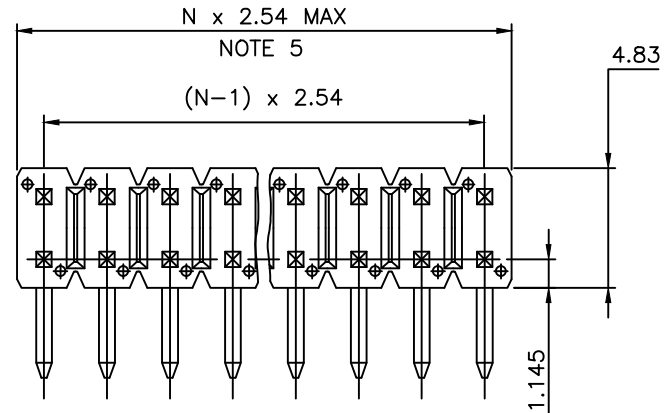
TOTAL NB OF POSITIONS 04 TO 72

PIN STYLE SEE SHEET 2

PLATING SEE SHEET 2

## NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- STANDARD PACKAGING IN POLYBAG
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS  $N \times 2.54 = 20.32\text{mm}$
- UNDERPLATING :  $1.27\mu\text{m}$  Ni MIN
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - PLATING:
    - "LF" MEANS THE PRODUCT IS LEAD-FREE,  $2\mu\text{m}$  MINIMUM MATTE TIN OVER  $1.27\mu\text{m}$  MINIMUM NICKEL UNDERPLATE.
  - MANUFACTURING PROCESS COMPATIBILITY
    - THE HOUSING WILL WITHSTAND EXPOSURE TO  $260^\circ\text{C} \pm 5^\circ\text{C}$  SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
  - 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                      | ecr      | no  | dr | date                | tolerances unless otherwise specified |                  | title<br>UNSHR.HEADER<br>RA DR TMT |  |  |  |
| AH                       | B-18916  | LMU |    | 14.09.29            | angles                                | .X ± 0.3         | scale 5:1                          |  |  |  |
| AJ                       | B-19783  | AMA |    | 14.12.18            | linear                                | .XX ± 0.15       |                                    |  |  |  |
| AK                       | B-21242  | AMA |    | 15.06.25            |                                       | .XXX ± 0.05      |                                    |  |  |  |
|                          |          |     |    | dr                  | D.LE                                  | 01.01.24         | FCJ                                |  |  |  |
| AE                       | F08-0148 | RTR |    | 08.03.31            | enrg                                  | JM.C             |                                    |  |  |  |
| AF                       | F09-0212 | LMU |    | 09.11.03            | chr                                   | JM.C             |                                    |  |  |  |
| AG                       | F11-0320 | LMU |    | 12.01.25            | appd                                  | JF.N             |                                    |  |  |  |
| sheet                    | revision | AK  | AG |                     |                                       |                  |                                    |  |  |  |
| index                    | sheet    | 1   | 2  |                     |                                       |                  |                                    |  |  |  |

PLATING

- 1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL
- 4 = 2µm TIN MIN FULL PLATED
- 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

PRODUCTS SPECIFICATIONS

| PIN | STYLE | MATING | SOLDER |
|-----|-------|--------|--------|
| 01  |       | 5.72   | 2.57   |
| 03  |       | 5.84   | 2.54   |
| 04  |       | 5.84   | 3.05   |
| 12  |       | 6.80   | 3.05   |
| 14  |       | 10.00  | 2.70   |
| 15  |       | 7.00   | 16.40  |
| 16  |       | 7.80   | 13.50  |
| 17  |       | 7.48   | 1.60   |
| 18  |       | 8.80   | 2.90   |
| 19  |       | 2.60   | 2.60   |
| 20  |       | N/A    |        |
| 21  |       | 10.89  | 3.05   |
| 22  |       | 3.51   | 3.51   |



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|                          |                |     |          |                                       |                               |                 |                                    |            |      |
|--------------------------|----------------|-----|----------|---------------------------------------|-------------------------------|-----------------|------------------------------------|------------|------|
| mat'l. code<br>SEE NOTES |                |     |          | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 1101 | projection<br>⊕ | product family<br>BERGSTIK         |            |      |
| ltr                      | ecn no         | dr  | date     | tolerances unless otherwise specified |                               | mm<br>↔         | title<br>UNSHR.HEADER<br>RA DR TMT |            |      |
| AG                       | B-21242        | AMA | 15.06.25 | angles                                | .X ±0.3                       |                 |                                    |            |      |
|                          |                |     |          | linear                                | .XX ±0.15                     |                 |                                    |            |      |
|                          |                |     |          |                                       | .XXX ±0.05                    | scale 5:1       |                                    |            |      |
| AB                       | F06-0263       | LMU | 06.10.27 |                                       |                               | FCI             | dwg no                             | sheet 2 of | size |
| AC                       | F08-0148       | RTR | 08.03.31 | dr                                    | D.LE                          |                 | 77317                              |            | A3   |
| AD                       | F09-0212       | LMU | 09.11.03 | engr                                  | JM.C                          |                 |                                    |            |      |
| AE                       | F11-0320       | LMU | 12.01.25 | chr                                   | JM.C                          |                 |                                    |            |      |
| AF                       | B-18916        | LMU | 14.09.29 | appd                                  | JF.N                          |                 |                                    |            |      |
| sheet index              | revision sheet |     |          |                                       |                               |                 | type CUSTOMER Drawing              |            |      |