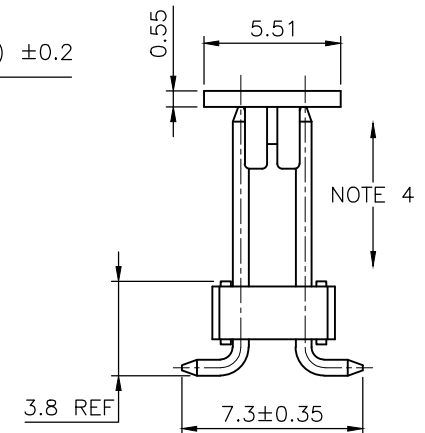
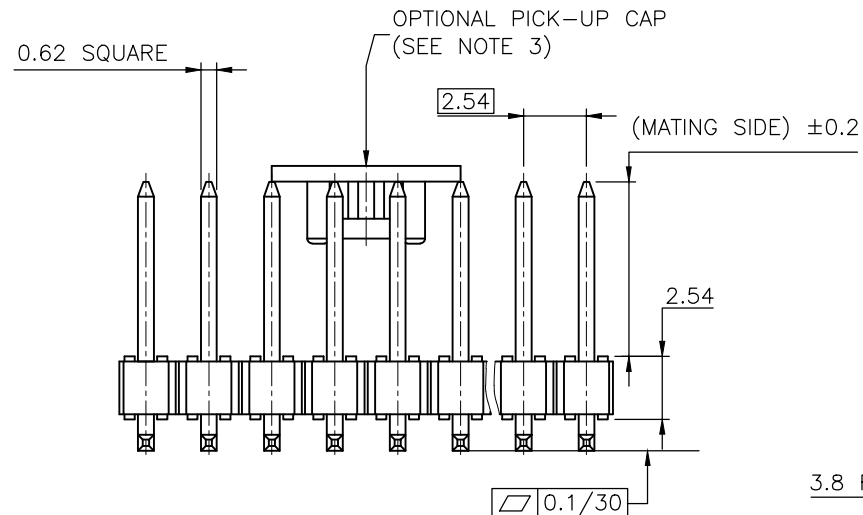
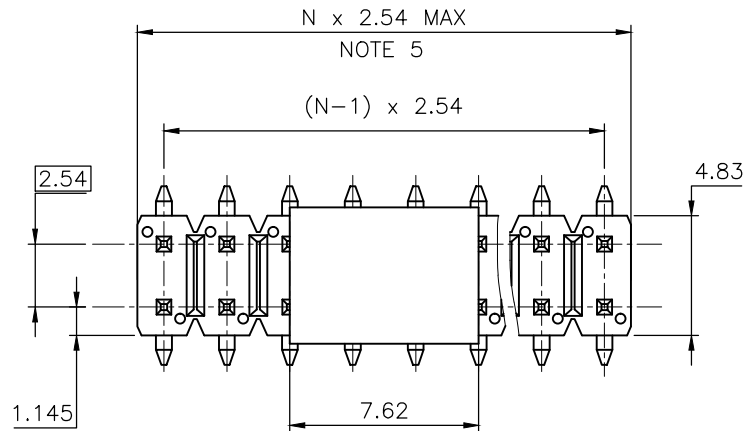


PRODUCT NUMBER  
95278-YXX-XXLF

- RoHS COMPATIBLE, NOTE 6.
- TOTAL NB OF POSITIONS 04 TO 50
- PACKAGING OPTIONS, NOTE 3.
- PIN STYLE SEE SHEET 2
- PLATING SEE SHEET 2

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
- 3 - PACKAGING OPTIONS:
  - = POLY BAGS
  - B = TUBE + CAP
  - A = TAPE & REEL WITH CAP, SEE TA840 FOR PRODUCT AVAILABILITY.
  - TR = CUSTOM TAPE & REEL WITH CAP, SEE TA840 ONLY FOR P/N 95278-102TR04LF AND P/N 95278-101TR10LF
4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS  $N \times 2.54 = 20.32\text{mm}$
6. RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - a - PLATING:
    - "LF" MEANS THE PRODUCT IS LEAD-FREE,  $2\mu\text{m}$  MINIMUM MATTE TIN OVER  $1.27\mu\text{m}$  MINIMUM NICKEL UNDERPLATE.
  - b - MANUFACTURING PROCESS COMPATIBILITY
    - THE HOUSING WILL WITHSTAND EXPOSURE TO  $260^\circ\text{C}$  PEAK TEMPERATURE FOR 30 SECONDES IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
  - c - LABELING:
    - MEETS PACKAGING SPECS AS PER GS-14-920
  - d - LEGAL STATEMENT: SEE GS-47-0004



|             |          |     |          |                                       |        |                               |        |                                                                                       |                                                                                       |  |  |  |              |  |            |
|-------------|----------|-----|----------|---------------------------------------|--------|-------------------------------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--|--|--------------|--|------------|
| mat'l. code |          |     |          | surface<br>ISO 1302 ✓                 |        | tolerance<br>ISO 406 ISO 1101 |        |  | product family<br>BERGSTIK                                                            |  |  |  |              |  |            |
| ltr         | ecn no   | dr  | date     | tolerances unless otherwise specified |        |                               |        |                                                                                       | title                                                                                 |  |  |  |              |  |            |
| N           | F08-0148 | RTR | 08.03.31 | angles                                | linear | x.x ±0.3                      |        |  | UNSHR.HEADER<br>DR SMT                                                                |  |  |  |              |  |            |
| P           | F08-0253 | LMU | 08.12.10 |                                       |        | x.xx ±0.13                    |        |                                                                                       |                                                                                       |  |  |  |              |  |            |
| R           | F10-0008 | LMU | 10.03.09 |                                       |        | x.xxx ±0.05                   |        | scale 5:1                                                                             |  |  |  |  |              |  |            |
| S           | B-18789  | LMU | 14.09.11 | dr                                    | D.LE   | 01.01.24                      | dwg no |                                                                                       |                                                                                       |  |  |  | sheet 1 of 2 |  | size<br>A3 |
| T           | B-18983  | LMU | 14.10.03 | enrg                                  | JM.C   | 01.01.24                      |        |                                                                                       |                                                                                       |  |  |  |              |  |            |
| U           | B-20276  | LMU | 15.02.16 | chr                                   | JM.C   | 01.01.24                      |        |                                                                                       |                                                                                       |  |  |  |              |  |            |
| V           | B-20561  | AMA | 15.03.26 | appd                                  | JF.N   | 01.01.24                      |        |                                                                                       |                                                                                       |  |  |  |              |  |            |
| sheet index | revision | V   | T        |                                       |        |                               |        |                                                                                       |                                                                                       |  |  |  |              |  |            |
|             | sheet    | 1   | 2        |                                       |        |                               |        |                                                                                       |                                                                                       |  |  |  |              |  |            |

| PIN | STYLE | MATING |
|-----|-------|--------|
| 01  |       | 5.9    |
| 02  |       | 8      |
| 03  |       | 9.9    |
| 04  |       | 11.4   |
| 05  |       | 9.2    |
| 06  |       | 10.4   |
| 07  |       | 5.3    |
| 09  |       | 17.00  |
| 10  |       | 8.10   |
| 11  |       | 8.50   |
| 12  |       | 3.05   |
| 13  |       | 14.35  |
| 14  |       | 4.00   |

#### PLATING

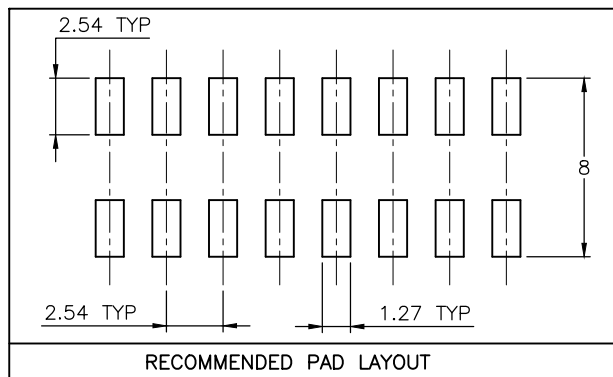
1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

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

– 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS



|             |          |                |          |                                       |                  |            |                  |
|-------------|----------|----------------|----------|---------------------------------------|------------------|------------|------------------|
| mat'l. code |          |                |          | surface                               | tolerance        | projection | product family   |
|             |          |                |          | ISO 1302                              | ISO 406 ISO 1101 |            | BERGSTIK         |
| ltr         | ecn no   | dr             | date     | tolerances unless otherwise specified |                  |            | title            |
| N           | F08-0253 | LMU            | 08.12.10 | angles                                | linear           | mm         | UNSHR.HEADER     |
| P           | B-18789  | LMU            | 14.09.11 |                                       |                  |            | DR SMT           |
| R           | B-18983  | LMU            | 14.10.03 |                                       |                  | scale N/A  |                  |
| S           | B-20276  | LMU            | 15.02.16 | dr                                    | D.LE             | 01.01.24   | dwg no           |
| T           | B-20561  | AMA            | 15.03.26 | enr                                   | JM.C             | 01.01.24   | sheet 2 of -     |
|             |          |                |          | chr                                   | JM.C             | 01.01.24   | size             |
|             |          |                |          | appd                                  | JF.N             | 01.01.24   | A3               |
| sheet index |          | revision sheet |          |                                       |                  |            | type             |
|             |          |                |          |                                       |                  |            | CUSTOMER Drawing |