

# PRODUCT NUMBER

95278-YXX-XXLF

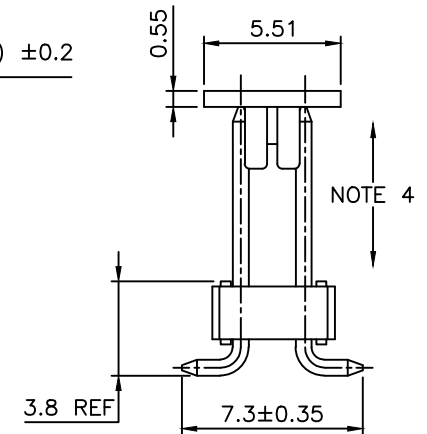
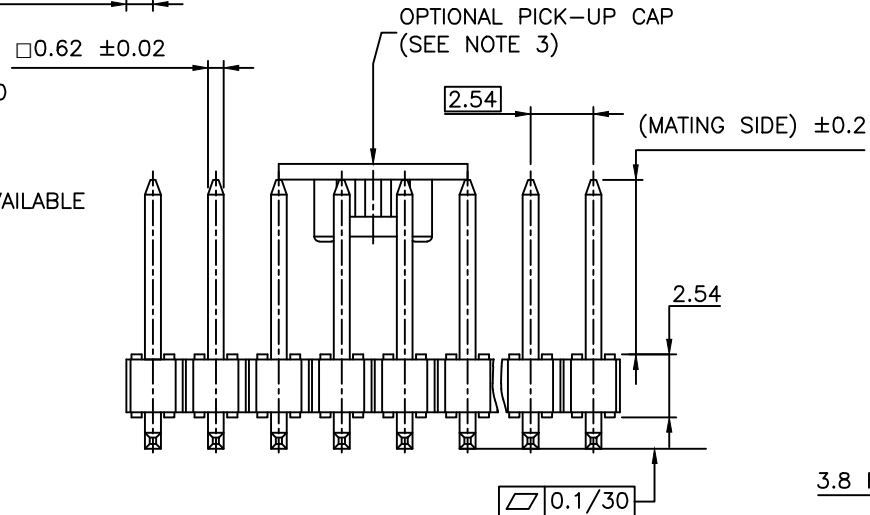
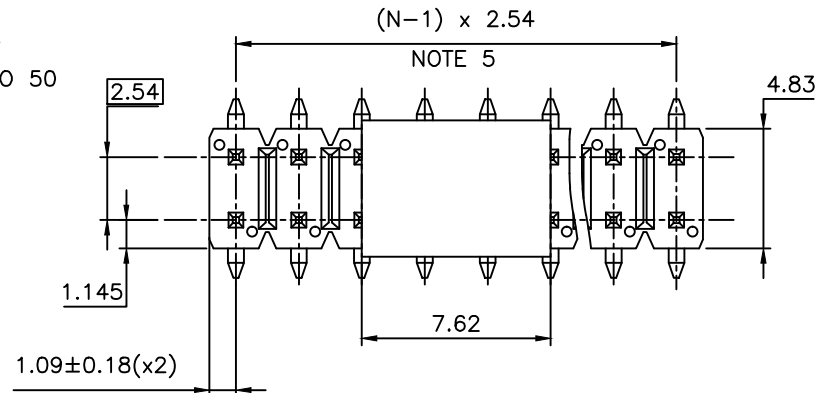
- RoHS COMPATIBLE, NOTE 6.
- TOTAL NB OF POSITIONS 04 TO 50
- PACKAGING OPTIONS, NOTE 3.
- PIN STYLE SEE SHEET 2
- PLATING SEE SHEET 2

## 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, AS AVAILABLE
  - TR = CUSTOM TAPE & REEL WITH CAP, SEE TA840 ONLY FOR P/N 95278-102TR04LF AND P/N 95278-101TR10LF
  - T = TUBE WITHOUT PICK UP CAP
  - K = TAPE & REEL WITHOUT PICK UP CAP, AS AVAILABLE

4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW
6. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- a - PLATING:
  - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
- b - MANUFACTURING PROCESS COMPATIBILITY
  - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°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 |          | projection<br> |              | product family<br>BERGSTIK |              |         |  |
| ltr         | ecn no   | dr  | date     | tolerances unless otherwise specified |        |                               |          |                | title        |                            |              |         |  |
| W           | F-22120  | BVE | 15.10.09 | angles                                | linear | x.x ±0.3                      |          |                                                                                                     | UNSHR.HEADER |                            |              |         |  |
| X           | F-22217  | BVE | 15.10.19 |                                       |        | x.xx ±0.13                    |          |                                                                                                     | DR SMT       |                            |              |         |  |
| Y           | F-23055  | AMA | 16.01.15 |                                       |        | x.xxx ±0.05                   |          |                                                                                                     | scale 5:1    |                            |              |         |  |
| AA          | F-23246  | AMA | 16.02.12 | dr                                    | D.LE   |                               | 01.01.24 |                | dwg no       |                            | sheet 1 of 2 | size    |  |
| AB          | F-23258  | AMA | 16.02.15 | enrg                                  | JM.C   |                               | 01.01.24 |                                                                                                     | 95278        |                            | A3           |         |  |
| AC          | F-23474  | JJU | 16.03.08 | chr                                   | JM.C   |                               | 01.01.24 |                                                                                                     |              |                            |              |         |  |
| V           | B-20561  | AMA | 15.03.26 | appd                                  | JF.N   |                               | 01.01.24 |                                                                                                     | type         |                            | CUSTOMER     | Drawing |  |
| sheet index | revision | AC  | U        |                                       |        |                               |          |                                                                                                     |              |                            |              |         |  |
|             | 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   |
| 15  |       | 6.60   |

#### PLATING

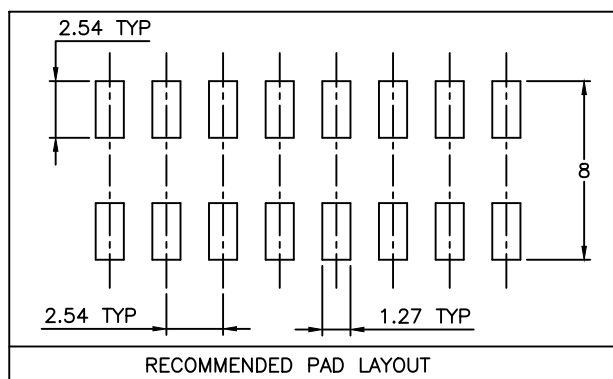
1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL

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<br>ISO 1302 ✓                 |        | tolerance<br>ISO 406 ISO 1101 |  | projection<br>          |  | product family<br>BERGSTIK      |  |              |         |
| ltr         | ecn no   | dr             | date     | tolerances unless otherwise specified |        |                               |  | <br>mm<br><br>scale N/A |  | title<br>UNSHR.HEADER<br>DR SMT |  |              |         |
| N           | F08-0253 | LMU            | 08.12.10 | angles                                | linear |                               |  |                                                                                                              |  |                                 |  |              |         |
| P           | B-18789  | LMU            | 14.09.11 |                                       |        |                               |  |                                                                                                              |  |                                 |  |              |         |
| R           | B-18983  | LMU            | 14.10.03 |                                       |        |                               |  |                                                                                                              |  |                                 |  |              |         |
| S           | B-20276  | LMU            | 15.02.16 | dr                                    | D.LE   | 01.01.24                      |  |                         |  | dwg no                          |  | sheet 2 of - | size    |
| T           | B-20561  | AMA            | 15.03.26 | enrg                                  | JM.C   | 01.01.24                      |  |                                                                                                              |  | 95278                           |  | A3           |         |
| U           | F-22120  | BVE            | 15.10.09 | chr                                   | JM.C   | 01.01.24                      |  |                                                                                                              |  | type                            |  | CUSTOMER     | Drawing |
|             |          |                |          | appd                                  | JF.N   | 01.01.24                      |  |                                                                                                              |  |                                 |  |              |         |
| sheet index |          | revision sheet |          |                                       |        |                               |  |                                                                                                              |  |                                 |  |              |         |

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