

PRODUCT NUMBER
75209-YXXRLF

RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8

RETENTION OPTION, SEE SHEET 2

PIN STYLE SEE SHEET 2

PLATING:

1 = 0.76µm FULL GOLD

3 = 2µm MIN MATTE TIN FULL PLATED

8 = 0.38µm FULL GOLD

1.27µm Ni MIN UNDERPLATING

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC
FLAME RETARDANT PER UL94-VO, COLOR BLACK.

2. PIN MATERIAL : PHOSPHOR BRONZE.

3. DIM 1.27 ± 0.13 FOR MOULDED SIDE(S)
ONLY. IF SIDE(S) ARE BROKEN, DIM 1.02
TO 1.7 MAX APPLIES.

4. PIN PUSH OUT FORCE : 12N MIN.

5. PRODUCT PACKAGED IN POLY BAGS.

6. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS (PLASTIC)
EXAMPLE : 8 POS $N \times 2.54 = 20.32\text{mm}$

7. FOR STANDARD SELECTIVE GOLD PLATED
PRODUCTS, SEE DRAWING 77316.

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - "LF" MEANS THE PRODUCT IS LEAD-FREE

b - MANUFACTURING PROCESS COMPATIBILITY

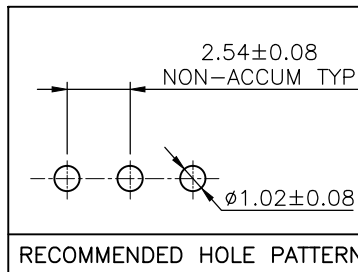
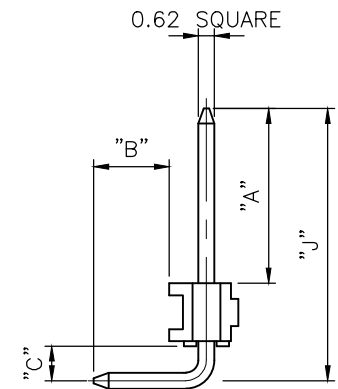
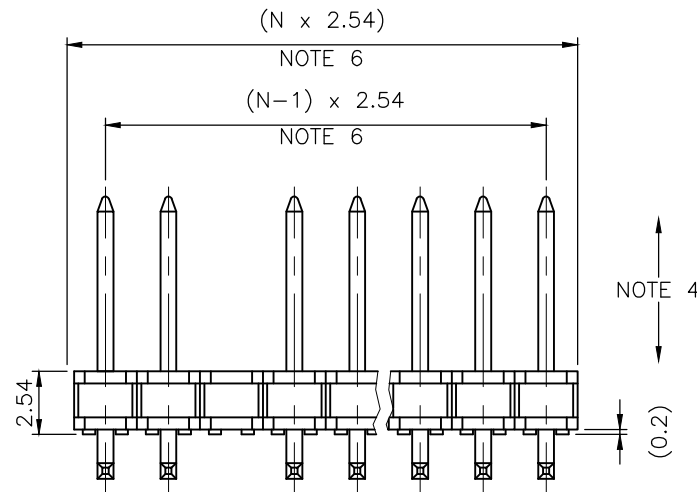
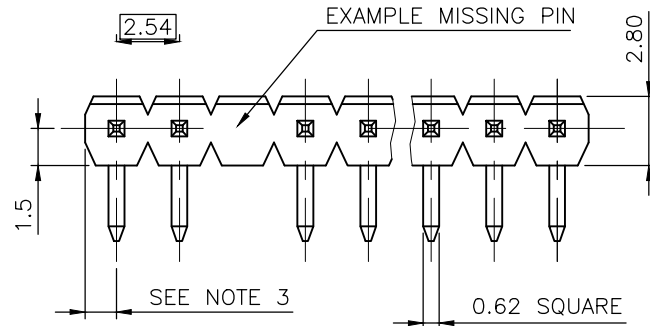
- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.




c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

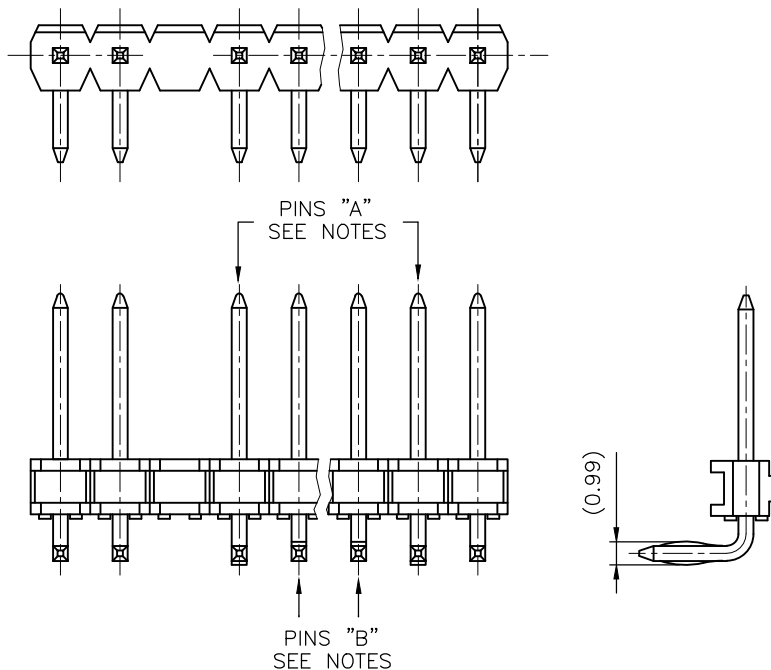
d - LEGAL STATEMENT: SEE GS-47-0004

TOP VIEW



| | | | | | | | | | | | | | | |
|-------------|----------|-----|----------|---------------------------------------|-------------|------------------|----------|---|---|----------------|--------|--|--------------|---------|
| mat'l. code | | | | surface | | tolerance | | projection | | product family | | | | |
| SEE NOTES | | | | ISO 1302 ✓ | | ISO 406 ISO 1101 | |  | | BERGSTIK | | | | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | |  | | title | | | | |
| AN | B-19925 | BVE | 15.01.08 | angles | | linear | | | | HEADER,SR,RA | | | | |
| AH | F10327 | LMU | 01.05.22 | | | | | scale 5/1 | | POL, 2.54MM | | | | |
| AJ | F05-0186 | LMU | 05.05.11 | dr | LETOY G | | 91.10.09 | |  | | dwg no | | sheet 1 of 2 | size |
| AK | F06-0127 | LMU | 06.02.16 | engr | PHAMVAN JM | | 95.02.06 | | | | 75209 | | A3 | |
| AL | F09-0038 | JCO | 09.04.23 | chr | COMPAGNON J | | 95.02.06 | | | | type | | CUSTOMER | Drawing |
| AM | B-19260 | LMU | 14.10.31 | appd | JCO | | 09.04.23 | | | | | | | |
| sheet | revision | AN | AF | | | | | | | | | | | |
| index | sheet | 1 | 2 | | | | | | | | | | | |

| PIN STYLE | NB OF POS | PRODUCT DEFINITION | | | | TOP VIEW OF HEADER SHOWING MISSING PIN POSITIONS | | | | | | | |
|--------------|--------------|--------------------|--------------|------------|------------|---|---|----|----|----|----|----|----|
| | | "A" ±0.2 | "B" ±0.35 | "C" REF | "J" REF | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
| 31 | 1x 7 | 5.72 | 3.45 | 1.4 | 9.65 | | | | | | | | |
| 34 | 1x 5 | 5.72 | 3.45 | 1.4 | 9.65 | | | | | | | | |
| 38 | 1x 13 | 5.72 | 3.45 | 1.4 | 9.65 | | | | | | | | |
| 39 | 1x 9 | 5.72 | 5.99 | 3.94 | 12.19 | | | | | | | | |
| 43 | 1x 9 | 5.72 | 5.99 | 3.94 | 12.19 | | | | | | | | |
| 52 | 1x 11 | 5.72 | 3.45 | 1.4 | 9.66 | | | | | | | | |
| 53 | 1x 5 | 5.72 | 15.27 | 1.4 | 9.65 | | | | | | | | |
| 56 | 1x 6 | 6.75 | 2.9 | 1.4 | 10.69 | | | | | | | | |
| 57 | 1x 3 | 15.00 | 3.05 | 1.4 | 18.94 | | | | | | | | |



NOTES:

- PINS "A" AND "B" USED FOR RETENTION.
- DIRECTION OF RETENTION SHOWN BY ARROWS.
- PINS "B" IN MID-POS'N OF HEADER USE THE 4 PINS CONFIGURATION ON ALL HEADERS RANCING FROM 4 TO 36 POS.
- RETENTION VERSI ONLY AVAILABLE WHEN DIM "B" IS BETWEEN 3 AND 3.5mm
- RETENTION FEATURE NOT AVAILABLE ON 2 AND 3 POSITIONS HEADER.

| | | | | | | | |
|--------------------------|----------|-----|----------|---------------------------------------|-------------------------------|------------------|----------------------------|
| mat'l. code SEE NOTES | | | | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection mm | product family BERGSTIK |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | mm | title |
| AE | F09-0038 | JCO | 09.04.23 | angles | linear | | HEADER,SR,RA |
| AF | B-19925 | BVE | 15.01.08 | | | scale 5/1 | POL, 2.54MM |
| AA | F500093 | JMC | 95.02.06 | dr | LETOY G | 91.10.09 | dwg no |
| AB | F50277 | JMC | 95.04.11 | enr | PHAMVAN JM | 95.02.06 | sheet 2 of 2 |
| AC | F05-0186 | LMU | 05.05.11 | chr | COMPAGNON J | 95.02.06 | size |
| AD | F06-0127 | LMU | 06.02.16 | appd | JCO | 09.04.23 | A3 |
| sheet | revision | AN | AF | | | | type |
| index | sheet | 1 | 2 | | | | CUSTOMER Drawing |