

PRODUCT NUMBER  
75168-YXX-XXLF

INDICATES THE PRODUCT IS RoHS COMPLIANT  
& COMPATIBLE, SEE NOTE 8

TOTAL NB OF POSITIONS 02 TO 36

PLATING:

PIN STYLE SEE SHEET 2

1 = 0.76µm FULL GOLD/GXT, OVER 1.27µm Ni MIN

3 = 3.81µm FULL TIN/LEAD OVER 1.27µm Ni MIN.

WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER  
1.27µm MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD

8 = 0.38µm FULL GOLD/GXT, OVER 1.27µm Ni MIN

NOTES:

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

2. PIN MATERIAL : PHOSPHOR BRONZE.

3. DIM 1.27<sup>+0.03</sup> 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  
EXAMPLE : 8 POS N x 2.54 = 20.32mm

7. FOR STANDARD SELECTIVE GOLD PLATED  
PRODUCTS, SEE DRAWING 77315.

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - SUFFIX "LF" IS ADDED JUST FOR EASY  
LEADFREE IDENTIFICATION FOR PLATING VERSION 1 & 8.

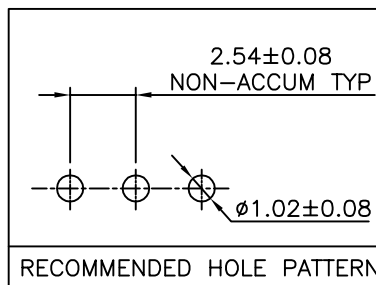
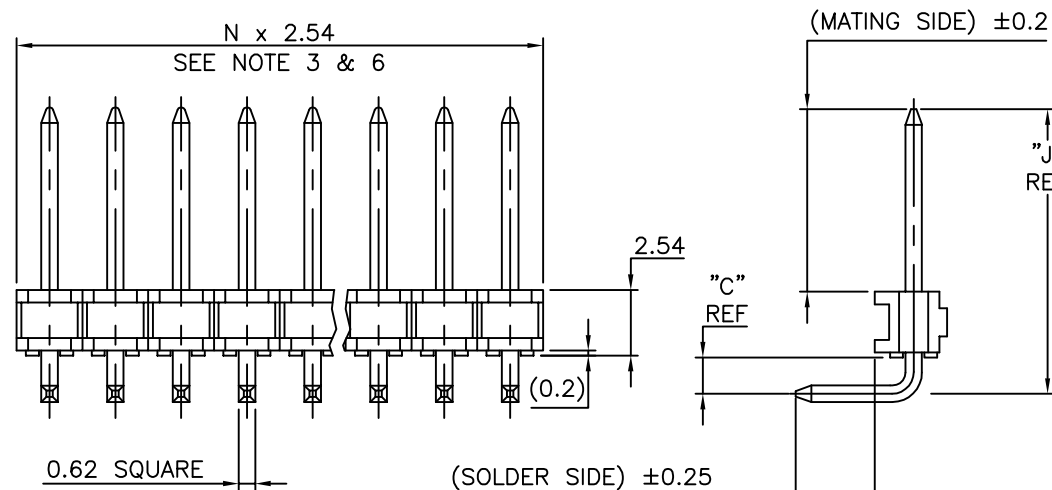
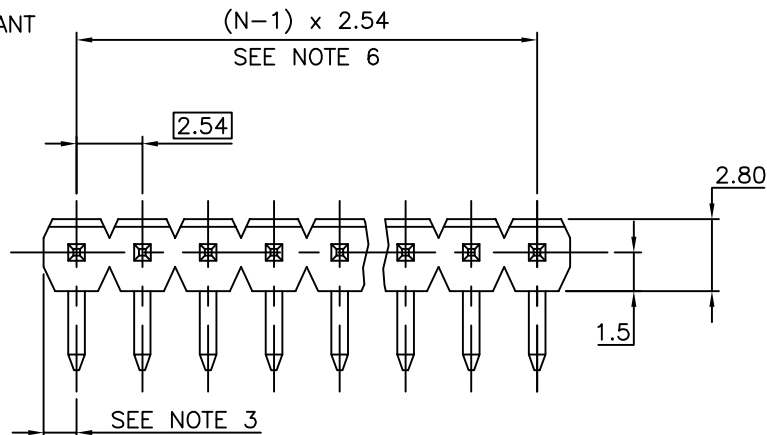
b - MANUFACTURING PROCESS COMPATIBILITY

- 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-22-008



|                           |                |     |          |                                       |         |                               |  |                                                                                                     |  |                             |  |              |         |
|---------------------------|----------------|-----|----------|---------------------------------------|---------|-------------------------------|--|-----------------------------------------------------------------------------------------------------|--|-----------------------------|--|--------------|---------|
| mat'l. code<br>SEE NOTE 1 |                |     |          | surface<br>ISO 1302 ✓                 |         | tolerance<br>ISO 406 ISO 1101 |  | projection<br> |  | product family<br>BSTIK     |  |              |         |
| ltr                       | ecn no         | dr  | date     | tolerances unless otherwise specified |         |                               |  |                |  | title                       |  |              |         |
| AG                        | F06-0196       | LMU | 06.06.20 | angles                                | linear  | .X ±0.3                       |  | mm                                                                                                  |  | HEADER,SR,RA,<br>POL,2.54mm |  |              |         |
| AH                        | F08-0148       | JCO | 08.05.27 |                                       |         | .XX ±0.15                     |  |                                                                                                     |  |                             |  |              |         |
| AJ                        | F12-0042       | LMU | 12.04.04 |                                       |         | .XXX ±0.05                    |  |                                                                                                     |  |                             |  |              |         |
| AK                        | F12-0802       | LMU | 12.10.25 | dr                                    | MULIN L | 99.03.29                      |  |                |  | dwg no                      |  | sheet 1 of 2 | size    |
|                           |                |     |          | enrg                                  | JMC     | 99.03.29                      |  |                                                                                                     |  | 75168                       |  | A3           |         |
| AE                        | F20149         | DLE | 02.02.19 | chr                                   |         |                               |  |                                                                                                     |  |                             |  |              |         |
| AF                        | F05-0186       | LMU | 05.05.02 | appd                                  | JMC     | 99.03.29                      |  |                                                                                                     |  | type                        |  | CUSTOMER     | Drawing |
| sheet index               | revision sheet | AK  | AG       |                                       |         |                               |  |                                                                                                     |  |                             |  |              |         |
|                           |                | 1   | 2        |                                       |         |                               |  |                                                                                                     |  |                             |  |              |         |

| APPLICATION SPECIFIC |       |        |        |      |       |
|----------------------|-------|--------|--------|------|-------|
| PIN                  | STYLE | MATING | SOLDER | "C"  | "J"   |
| 01                   |       | 5.72   | 2.57   | 1.4  | 9.65  |
| 02                   |       | 5.72   | 5.11   | 1.4  | 9.65  |
| 03                   |       | 5.72   | 7.65   | 1.4  | 9.65  |
| 04                   |       | 5.72   | 10.19  | 1.4  | 9.65  |
| 05                   |       | 5.72   | 12.73  | 1.4  | 9.65  |
| 06                   |       | 5.72   | 15.27  | 1.4  | 9.65  |
| 07                   |       | 5.72   | 5.11   | 3.94 | 12.19 |
| 08                   |       | 5.72   | 7.65   | 3.94 | 12.19 |
| 09                   |       | 5.72   | 10.19  | 3.94 | 12.19 |
| 10                   |       | 5.72   | 12.73  | 3.94 | 12.19 |
| 11                   |       | 5.72   | 15.27  | 3.94 | 12.19 |
| 13                   |       | 5.72   | 3.45   | 1.4  | 9.65  |
| 14                   |       | 5.72   | 5.99   | 3.94 | 12.19 |
| 15                   |       | 5.72   | 8.53   | 6.48 | 14.73 |
| 16                   |       | 8.51   | 3      | 1.4  | 12.45 |
| 17                   |       | 8.51   | 5.54   | 3.94 | 14.99 |
| 19                   |       | 5.72   | 3.05   | 1.4  | 9.66  |
| 20                   |       | 5.84   | 2.29   | 1.4  | 9.78  |
| 21                   |       | 5.72   | 11.07  | 9.02 | 17.27 |
| 22                   |       | 11.71  | 3.2    | 1.4  | 15.65 |
| 23                   |       | 3      | 2.94   | 1.94 | 7.44  |
| 24                   |       | 4.8    | 6.16   | 1.94 | 9.28  |
| 27                   |       | 3.55   | 3.3    | 1.4  | 7.49  |
| 28                   |       | 10     | 3.2    | 1.4  | 13.94 |
| 29                   |       | 7.30   | 7.30   | 1.4  | 11.24 |
| 30                   |       | 8.10   | 12.50  | 1.4  | 12.04 |
| 31                   |       | 6.70   | 3.00   | 1.4  | 10.64 |



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