

PRODUCT NUMBER  
75160-YXX-XXLF

RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8

TOTAL NB OF POSITIONS 02 TO 36

PIN STYLE SEE SHEET 2

PLATING:

1 = 0.76µm FULL GOLD/GXT

3 = 2µm MIN MATTE TIN FULL PLATED

8 = 0.38µm FULL GOLD/GXT

1.27µm MIN NICKEL 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<sup>+0.03</sup><sub>-0.13</sub> 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 77311.

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

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

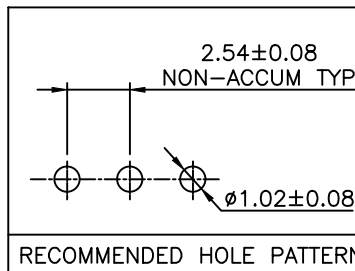
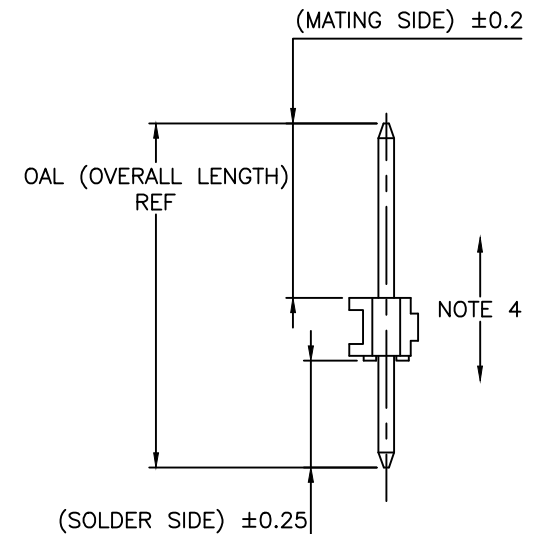
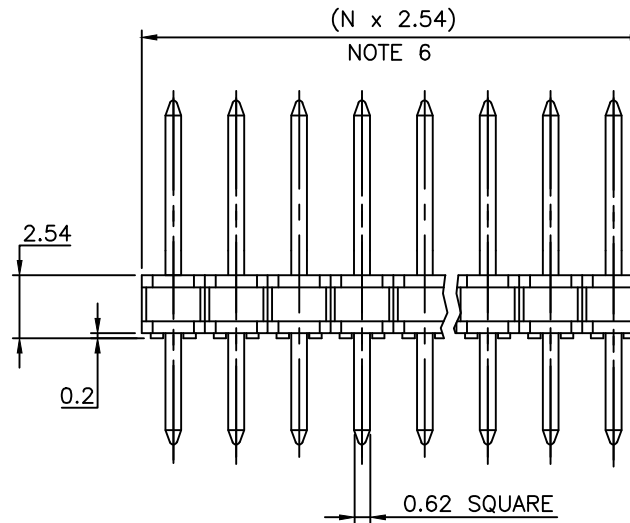
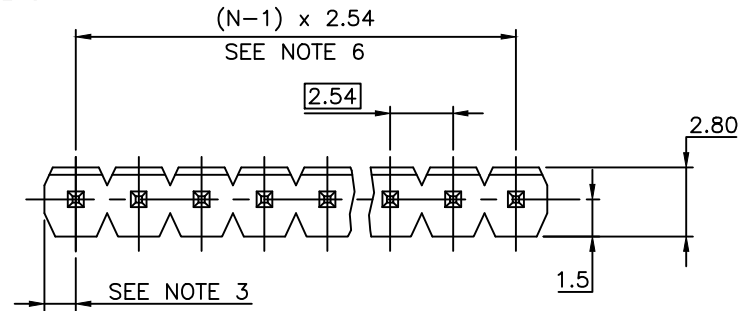
b - MANUFACTURING PROCESS COMPATIBILITY

- 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



|             |          |     |    |            |                                       |                  |          |            |                |                               |              |
|-------------|----------|-----|----|------------|---------------------------------------|------------------|----------|------------|----------------|-------------------------------|--------------|
| mat'l. code |          |     |    | surface    |                                       | tolerance        |          | projection | product family |                               |              |
| SEE NOTES   |          |     |    | ISO 1302 ✓ |                                       | ISO 406 ISO 1101 |          |            | BERGSTIK       |                               |              |
| ltr         | ecr      | no  | dr | date       | tolerances unless otherwise specified |                  |          |            |                | title                         |              |
| BR          | F20607   | LMU |    | 03.12.03   | angles                                | linear           | .x       | ±0.3       |                | HEADER SR,STR<br>2.54mm PITCH |              |
| BS          | F03079   | LMU |    | 03.04.04   |                                       |                  | .xx      | ±0.15      |                |                               |              |
| BT          | F05-0186 | JCO |    | 05.04.29   |                                       |                  | .xxx     | ±0.05      |                |                               |              |
| BU          | F06-0196 | LMU |    | 06.06.20   | dr                                    | D LEGRAND        | 02.01.15 |            | scale 5:1      | dwg no                        |              |
| BV          | F08-0148 | JCO |    | 08.05.27   | enr                                   | JMC              | 02.01.15 |            |                |                               | sheet 1 of 2 |
| BW          | B-19264  | LMU |    | 14.10.31   | chr                                   | COMPAGNON        | 02.01.15 |            |                |                               |              |
|             |          |     |    |            | appd                                  | JMC              | 02.01.15 |            |                | A3                            |              |
| sheet       | revision | BW  | BK |            |                                       |                  |          |            |                |                               | type         |
| index       | sheet    |     | 2  |            |                                       |                  |          |            |                |                               |              |
|             |          |     |    |            |                                       |                  |          |            | Drawing        |                               |              |



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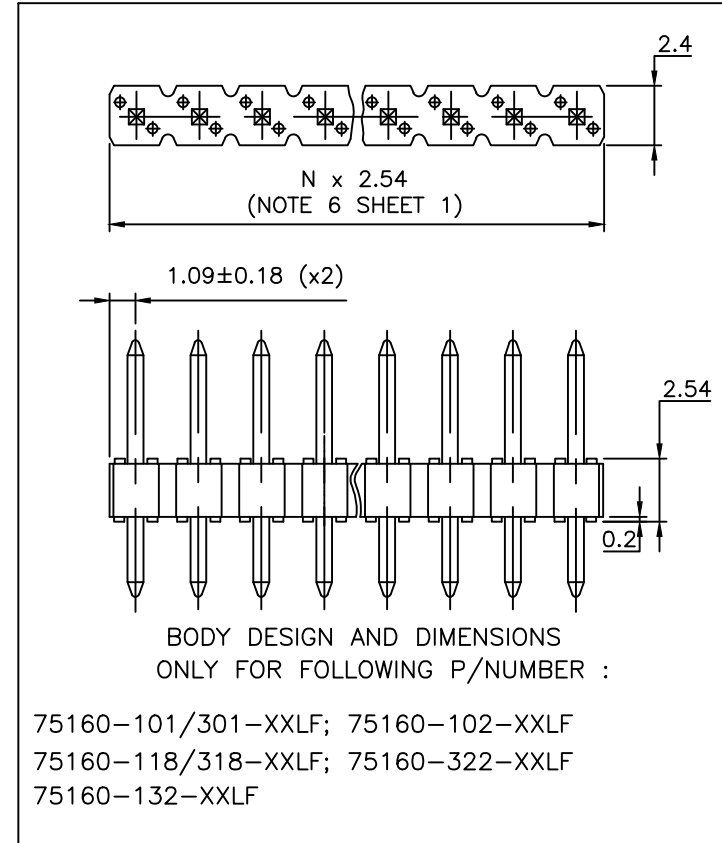
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form: A3

| APPLICATION SPECIFIC |       |        |        |       |
|----------------------|-------|--------|--------|-------|
| PIN                  | STYLE | MATING | SOLDER | OAL   |
| 01                   |       | 5.72   | 2.54   | 10.8  |
| 02                   |       | 5.84   | 3.43   | 11.81 |
| 03                   |       | 5.72   | 5.09   | 13.34 |
| 04                   |       | 5.72   | 7.62   | 15.88 |
| 05                   |       | 5.72   | 10.16  | 18.42 |
| 06                   |       | 5.72   | 12.7   | 20.96 |
| 07                   |       | 5.72   | 15.24  | 23..5 |
| 08                   |       | 5.72   | 17.78  | 26.04 |
| 09                   |       | 5.72   | 20.32  | 28.58 |
| 10                   |       | 5.72   | 22.86  | 31.12 |
| 11                   |       | 5.72   | 5.97   | 14.22 |
| 12                   |       | 5.72   | 8.51   | 16.76 |
| 13                   |       | 5.72   | 11.05  | 19.3  |
| 14                   |       | 5.72   | 16.13  | 24.38 |
| 15                   |       | 8.51   | 2.54   | 13.59 |
| 16                   |       | 8.51   | 5.51   | 16.56 |
| 17                   |       | 8.51   | 10.59  | 21.64 |
| 18                   |       | 5.72   | 3.05   | 11.3  |
| 19                   |       | 12.83  | 3.05   | 18.42 |
| 20                   |       | 15.37  | 3.05   | 20.96 |
| 21                   |       | 20.45  | 3.05   | 26.04 |
| 22                   |       | 7.75   | 3.05   | 13.34 |
| 23                   |       | 5.84   | 4.95   | 13.34 |
| 24                   |       | 7.21   | 3.05   | 12.8  |
| 25                   |       | 8.51   | 3.18   | 14.22 |
| 26                   |       | 15.57  | 2.84   | 20.96 |

| APPLICATION SPECIFIC |       |        |        |       |
|----------------------|-------|--------|--------|-------|
| PIN                  | STYLE | MATING | SOLDER | OAL   |
| 27                   |       | 6.6    | 2.67   | 11.81 |
| 28                   |       | 6.6    | 4.19   | 13.34 |
| 29                   |       | 17.53  | 3.43   | 23.5  |
| 30                   |       | 22.61  | 3.43   | 28.58 |
| 31                   |       | 8.2    | 2.84   | 13.59 |
| 32                   |       | 10.29  | 3.05   | 15.88 |
| 35                   |       | 25.21  | 3.37   | 31.12 |
| 38                   |       | 5.84   | 3.81   | 12.19 |
| 39                   |       | 11.17  | 3.05   | 16.76 |
| 41                   |       | 4.99   | 2.8    | 10.33 |
| 43                   |       | 6.98   | 4.8    | 14.32 |
| 44                   |       | 12.27  | 3.35   | 18.16 |
| 46                   |       | 8.08   | 2.72   | 13.34 |
| 48                   |       | 5.84   | 2.42   | 10.8  |
| 50                   |       | 5.84   | 3.12   | 11.5  |
| 56                   |       | 5.72   | 3.05   | 11.3  |
| 61                   |       | 16.61  | 3.2    | 22.35 |
| 62                   |       | 13.5   | 3.05   | 19.09 |
| 70                   |       | 6.54   | 3.5    | 12.57 |
| 73                   |       | 28.4   | 3.18   | 34.12 |
| 75                   |       | 16.47  | 10.3   | 29.31 |
| 79                   |       | 3.3    | 3.3    | 9.14  |
| 80                   |       | 8.07   | 2.2    | 12.81 |
| 90                   |       | 1.9    | 3.56   | 8     |
| 95                   |       | 15.96  | 4      | 22.5  |
| 96                   |       | 5.84   | 3.43   | 11.81 |

| APPLICATION SPECIFIC |       |        |        |       |
|----------------------|-------|--------|--------|-------|
| PIN                  | STYLE | MATING | SOLDER | OAL   |
| 97                   |       | 7.75   | 3.05   | 13.34 |
| 98                   |       | 10.29  | 3.05   | 15.88 |



|                        |          |     |          |                                       |                               |                  |                            |
|------------------------|----------|-----|----------|---------------------------------------|-------------------------------|------------------|----------------------------|
| mat'l. code<br>SEE P/N |          |     |          | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 1101 | projection<br>mm | product family<br>BERGSTIK |
| ltr                    | ecn no   | dr  | date     | tolerances unless otherwise specified |                               |                  | title                      |
| BH                     | F05-0186 | JCO | 05.04.29 | angles                                | .x ±0.3                       |                  | HEADER STR,SR.             |
| BJ                     | F06-0196 | LMU | 06.06.20 | linear                                | .xx ±0.15                     |                  | 2.54mm PITCH               |
| BK                     | B-19264  | LMU | 14.10.31 |                                       | xxx ±0.05                     | scale 5:1        | dwg no                     |
|                        | F20301   | LMU | 02.04.23 | enfr                                  | JMC                           | 99.04.07         | sheet 2 of - size          |
| BF                     | F20607   | LM  | 03.12.03 | chr                                   |                               | 99.04.07         | 75160 A3                   |
| BG                     | F03079   | LMU | 03.04.04 | appd                                  | JMC                           | 99.04.07         | type CUSTOMER Drawing      |
| sheet                  | revision |     |          |                                       |                               |                  |                            |
| index                  | sheet    |     |          |                                       |                               |                  |                            |