

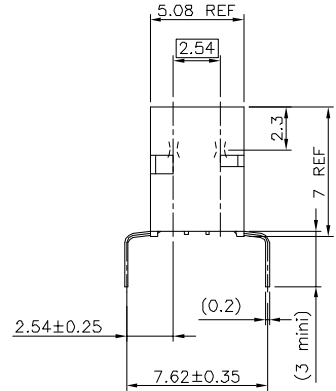
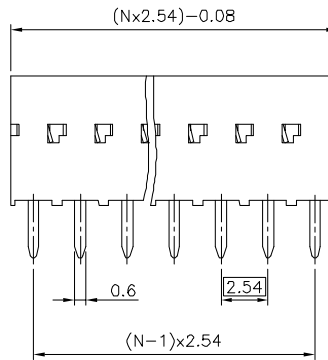
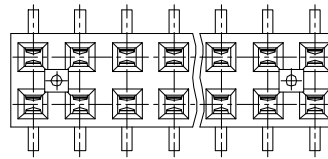
PRODUCT NUMBER  
71991-YXXXLF

- WHEN NEEDED, SUFFIX LETTER "LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 6.
- OPTIONAL LETTER  
H: HIGH TEMPERATURE PRODUCT.
- NUMBER OF POSITIONS PER ROW: 02 TO 50.
- PLATING CODE  
3= 0.75µm GOLD ON CONTACT AREA.  
3.81µm TIN-LEAD ON TAIL.  
4= 5µm TIN-LEAD ON CONTACT AREA.  
3.81µm TIN-LEAD ON TAIL.  
8= 0.38µm GOLD ON CONTACT AREA.  
3.81µm TIN-LEAD ON TAIL.

WHEN SUFFIX "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27 MIN Ni IS SUPPLIED INSTEAD OF SnPb.

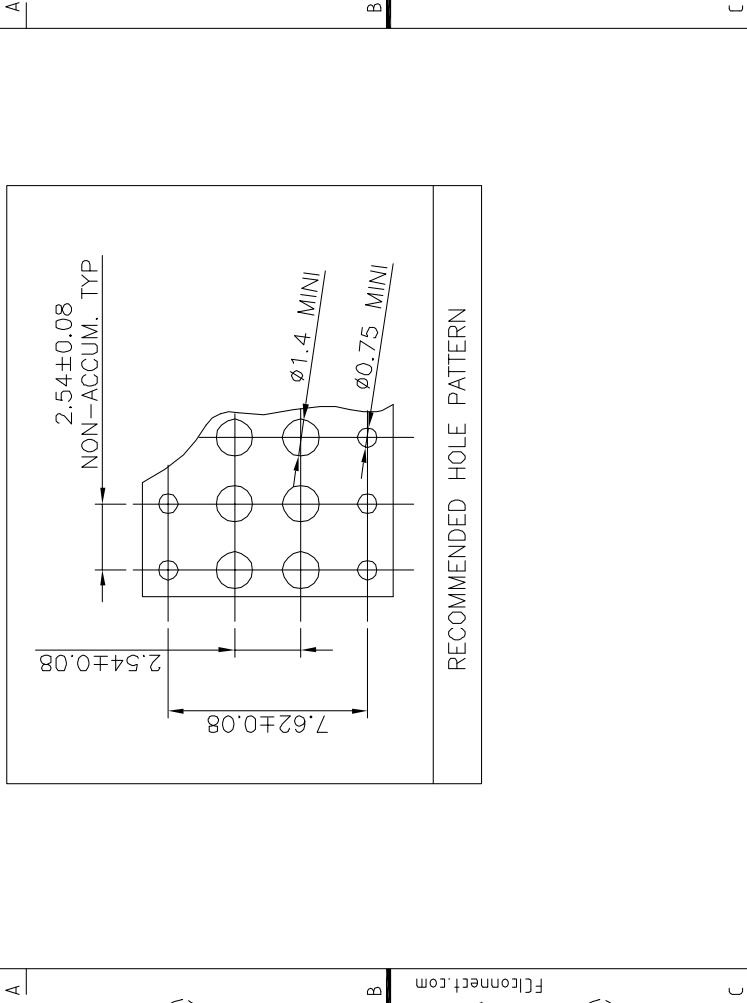
NOTES:

- 1 - HOUSING MAT'L: THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94 V-0  
LOW TEMPERATURE: COLOR BLUE  
HIGH TEMPERATURE: COLOR GREY.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - 2 UP TO 50 POSITIONS PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE: 8 POS: (Nx2.54)-0.08=20.24 mm
- 5 - RECOMMENDED IR PROFIL PER TA 842.
- 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 ±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 |          | surface        |      | tolerance        |                                       | projection |             | product family   |  |
| SEE NOTES   |          | ISO 1392       |      | ISO 486 ISO 1101 |                                       | mm         |             | DUBOX            |  |
| ltr         | ecr      | no             | dr   | date             | tolerances unless otherwise specified |            | title       |                  |  |
| R           | F10132   | DLE            |      | 01.02.06         | ±0.3                                  |            | BtB RECEPT. |                  |  |
| S           | F04.0347 | DLE            |      | 04.09.27         | Linear                                |            | VERT DR TMT |                  |  |
| T           | F06-0137 | DLE            |      | 06.02.27         | ±2°                                   |            | scale 5:1   |                  |  |
| U           | F06-0204 | DLE            | dr   | 06.06.20         | D                                     | LEGRAND    | 04.09.27    | dwg no           |  |
| V           | F06-0323 | DLE            | engr | 06.11.21         | P                                     | NIZZI      | 04.09.27    | sheet 1 of 2     |  |
| W           | F09-0011 | LMU            | chr  | 09.02.16         | D                                     | LEGRAND    | 04.09.27    | size             |  |
|             |          |                | appd | 04.09.27         | P                                     | NZ         | 04.09.27    | A3               |  |
| sheet index |          | revision sheet |      | W                |                                       | B          |             | type             |  |
|             |          | 1 2            |      |                  |                                       |            |             | CUSTOMER Drawing |  |

1 2



|             |                |         |          |                                       |                  |            |                |             |
|-------------|----------------|---------|----------|---------------------------------------|------------------|------------|----------------|-------------|
| mat'l. code | SEE SHEET 1    | surface | ISO 1302 | tolerance                             | ISO 406 ISO 1001 | projection | product family | DUBOX       |
| tr          | ecn no         | dr      | date     | tolerances unless otherwise specified |                  | mm         | file           | BtB RECEPT. |
| A           | F04-0347       | DLE     | 04.09.27 | ±0.3                                  |                  |            | scale          | VERT DR TMT |
| B           | F06-0204       | DLE     | 06.06.20 | angles                                | linear           | size       | sheet 2 of 2   | A4          |
|             |                |         |          | ±2°                                   |                  | type       | CUSTOMER       | Drawing     |
|             |                | dr      | D        | LEGRAND                               | 04.09.27         |            |                |             |
|             |                | enfr    | P        | NIZZI                                 | 04.09.27         |            |                |             |
|             |                | chr     | D        | LE                                    | 04.09.27         |            |                |             |
|             |                | appd    | P        | NZ                                    | 04.09.27         |            |                |             |
| sheet index | revision sheet |         |          |                                       |                  |            |                |             |

A B C D 1 2