

PRODUCT NUMBER  
89891-YXXXLF

RoHS COMPATIBLE, SEE NOTE 6

OPTIONAL LETTER

H: HIGH TEMPERATURE PRODUCT.

NUMBER OF POSITIONS PER ROW : 02 TO 50.

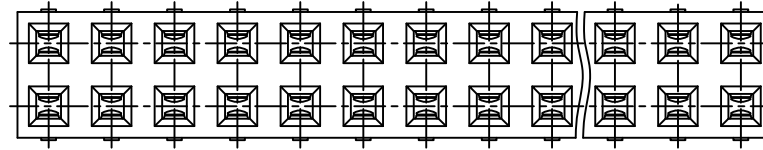
PLATING CODE

3= 0.76µm GOLD ON CONTACT AREA.

2µm MIN MATTE TIN ON TAIL.

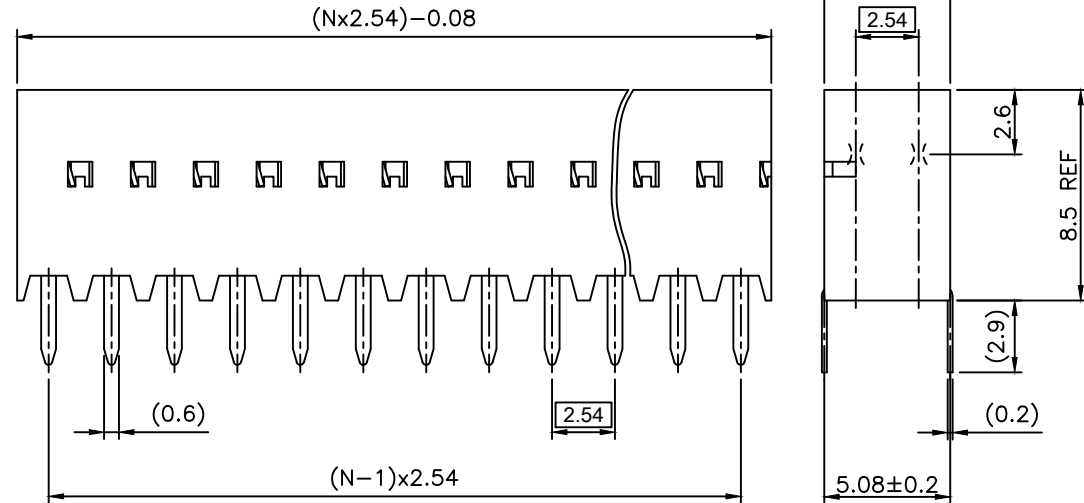
4= 2µm MIN MATTE TIN FULL PLATED

1.27µm Ni MIN UNDERPLATING



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 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX.  
5 UP TO 50 POSITIONS PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS  
EXAMPLE: 8 POS:  $(N \times 2.54) - 0.08 = 20.24$  mm
- 5 - HE13 PRINTING ON 89891-3XX PRODUCT.
- 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-47-0004



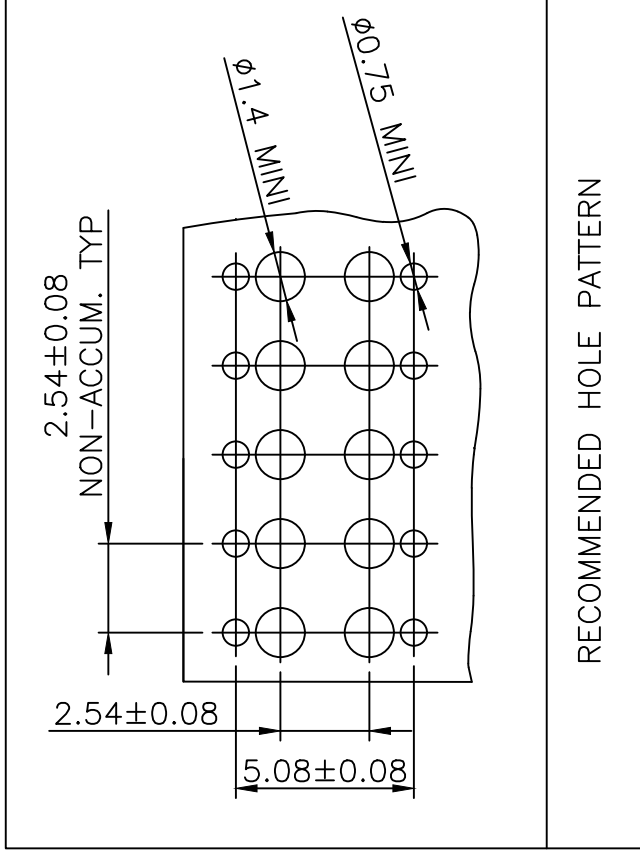
|                           |          |     |          |                                       |           |                               |  |                                                                                                     |  |                            |  |              |         |
|---------------------------|----------|-----|----------|---------------------------------------|-----------|-------------------------------|--|-----------------------------------------------------------------------------------------------------|--|----------------------------|--|--------------|---------|
| mat'l. code<br>SEE NOTE 1 |          |     |          | surface<br>ISO 1302 ✓                 |           | tolerance<br>ISO 406 ISO 1101 |  | projection<br> |  | product family<br>DUBOX    |  |              |         |
| ltr                       | ecn no   | dr  | date     | tolerances unless otherwise specified |           | angles                        |  |                |  | title                      |  |              |         |
| F                         | F10308   | GCO | 01.05.10 |                                       |           |                               |  | mm                                                                                                  |  | BtB RECEPT.<br>VERT DR TMT |  |              |         |
| G                         | F04-0347 | DLE | 04.09.23 |                                       |           |                               |  |                                                                                                     |  |                            |  |              |         |
| H                         | F05-0230 | DLE | 05.08.08 |                                       |           |                               |  | scale 5:1                                                                                           |  |                            |  |              |         |
| J                         | F06-0204 | DLE | 06.06.21 | dr                                    | D LEGRAND | 04.09.23                      |  |                |  | dwg no                     |  | sheet 1 of 2 | size    |
| K                         | F07-0156 | DLE | 07.03.16 | engr                                  | P NIZZI   | 04.09.23                      |  |                                                                                                     |  | 89891                      |  | A3           |         |
| L                         | B-19123  | LMU | 14.10.21 | chr                                   | D LE      | 04.09.23                      |  |                                                                                                     |  | type                       |  | CUSTOMER     | Drawing |
| M                         | F-28430  | DDE | 17.11.09 | appd                                  | P NZ      | 04.09.23                      |  |                                                                                                     |  |                            |  |              |         |
| sheet                     | revision | M   | D        |                                       |           |                               |  |                                                                                                     |  |                            |  |              |         |
| index                     | sheet    | 1   | 2        |                                       |           |                               |  |                                                                                                     |  |                            |  |              |         |

A

B

C

D



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D

|                            |          |       |                                       |  |                               |  |                  |  |                                     |  |
|----------------------------|----------|-------|---------------------------------------|--|-------------------------------|--|------------------|--|-------------------------------------|--|
| mat'l. code<br>SEE SHEET 1 |          |       | surface<br>ISO 1302 ✓                 |  | tolerance<br>ISO 406 ISO 1101 |  | projection<br>   |  | product family<br>DUBOX             |  |
| ltr                        | ecn no   | dr    | tolerances unless otherwise specified |  | ISO 406 ISO 1101              |  | mm               |  | title<br>BtB RECEPT.<br>VERT DR TMT |  |
| A                          | F04-0347 | DLE   | angles                                |  | linear                        |  | scale 5:1        |  | dwg no<br>89891                     |  |
| B                          | F05-0230 | DLE   | ±2°                                   |  | ±0.3                          |  | FCI              |  | sheet 2 of 2<br>size<br>A4          |  |
| C                          | F06-0204 | DLE   | dr                                    |  | D LEGRAND                     |  | type<br>CUSTOMER |  | Drawing                             |  |
| D                          | F07-0156 | DLE   | engr                                  |  | P NIZZI                       |  | 04.09.23         |  |                                     |  |
|                            |          |       | chr                                   |  | D LE                          |  | 04.09.23         |  |                                     |  |
|                            |          |       | appd                                  |  | P NZ                          |  | 04.09.23         |  |                                     |  |
| sheet index                | revision | sheet |                                       |  |                               |  |                  |  |                                     |  |