

# PRODUCT NUMBER

76342-YXXXLF

RoHS COMPATIBLE, SEE NOTE 5

OPTIONAL LETTER

H: HIGH TEMPERATURE PRODUCT.

C: PACKAGED IN SHORT TUBE.

VH: HIGH TEMPERATURE PRODUCT  
FOR CUSTOMER DEDICATED PART

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 PER ROW  
EXAMPLE: 8 POS:  $(N \times 2.54) - 0.08 = 20.24$  mm
- 5 - 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

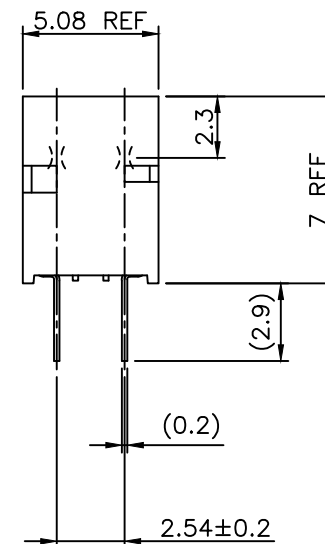
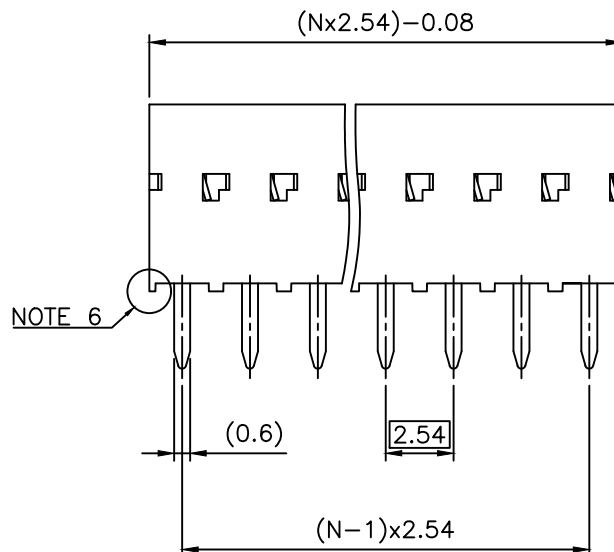
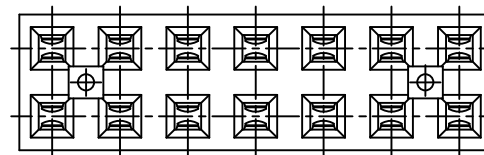
- THE HOUSING WILL WITHSTAND EXPOSURE TO  
260°C ±5°C SOLDER BATH TEMPERATURE FOR  
5 SECONDS IN A WAVE SOLDER APPLICATION  
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

### c - LABELING:

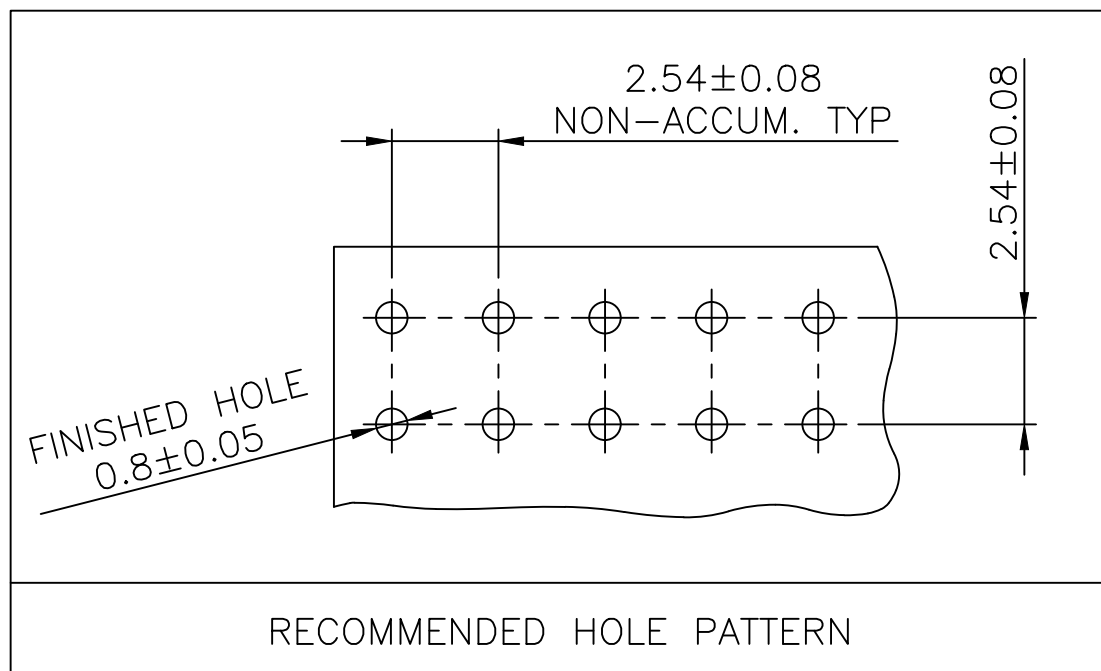
- MEETS PACKAGING SPECS AS PER GS-14-920

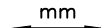
### d - LEGAL STATEMENT: SEE GS-47-0004

- 6 - END STAND-OFFS FOR 2x2 UP TO 2x4 POS  
NO END STAND-OFFS FOR 2x5 UP TO 2x50 POS



|                                |          |          |          |                                       |           |                               |           |                                                                                                     |                                     |                         |  |              |         |
|--------------------------------|----------|----------|----------|---------------------------------------|-----------|-------------------------------|-----------|-----------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------|--|--------------|---------|
| mat'l. code<br>SEE NOTES 1 & 2 |          |          |          | 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 |           |                               |           |                | title<br>BtB RECEPT.<br>VERT DR TMT |                         |  |              |         |
| AA                             | F-24429  | AMA      | 16.07.01 | angles                                | linear    | ±0.3                          |           |                                                                                                     |                                     |                         |  |              |         |
| AB                             | F-49241  | DDE      | 23.09.12 |                                       |           |                               |           |                                                                                                     |                                     |                         |  |              |         |
|                                |          |          |          | ±2'                                   |           |                               | scale 5:1 |                                                                                                     |                                     |                         |  |              |         |
| V                              | F06-0204 | DLE      | 06.06.20 | dr                                    | D LEGRAND | 04.09.27                      |           |                |                                     | dwg no                  |  | sheet 1 of 2 | size    |
| W                              | F11-0043 | JCO      | 12.02.22 | enr                                   | P NIZZI   | 04.09.27                      |           |                                                                                                     |                                     | 76342                   |  | A3           |         |
| X                              | B-19123  | LMU      | 14.10.21 | chr                                   | D LEGRAND | 04.09.27                      |           |                                                                                                     |                                     |                         |  |              |         |
| Y                              | B-21211  | AMA      | 15.06.22 | appd                                  | P NZ      | 04.09.27                      |           |                                                                                                     |                                     |                         |  |              |         |
| sheet                          |          | revision |          | AB                                    | D         |                               |           |                                                                                                     |                                     | type                    |  | CUSTOMER     | Drawing |
| index                          |          | sheet    |          | 1                                     | 2         |                               |           |                                                                                                     |                                     |                         |  |              |         |



|                            |          |                |          |                                                         |           |                               |  |                                                                                                     |  |                                     |  |              |         |
|----------------------------|----------|----------------|----------|---------------------------------------------------------|-----------|-------------------------------|--|-----------------------------------------------------------------------------------------------------|--|-------------------------------------|--|--------------|---------|
| mat'l. code<br>SEE SHEET 1 |          |                |          | surface<br>ISO 1302 <input checked="" type="checkbox"/> |           | tolerance<br>ISO 406 ISO 1101 |  | projection<br> |  | product family<br>DUBOX             |  |              |         |
| ltr                        | ecn no   | dr             | date     | tolerances unless otherwise specified                   |           |                               |  |                |  | title<br>BtB RECEPT.<br>VERT DR TMT |  |              |         |
| A                          | F04-0347 | DLE            | 04.09.27 | angles                                                  |           | ±0.3                          |  |                                                                                                     |  |                                     |  |              |         |
| B                          | F06-0204 | DLE            | 06.06.20 |                                                         | linear    |                               |  |                                                                                                     |  |                                     |  |              |         |
| C                          | B-21211  | AMA            | 15.06.22 |                                                         | ±2'       |                               |  | scale 5:1                                                                                           |  |                                     |  |              |         |
| D                          | F-49241  | DDE            | 23.09.12 | dr                                                      | D LEGRAND | 04.09.27                      |  |                |  |                                     |  |              |         |
|                            |          |                |          | enr                                                     | P NIZZI   | 04.09.27                      |  |                                                                                                     |  |                                     |  |              |         |
|                            |          |                |          | chr                                                     | D LE      | 04.09.27                      |  |                                                                                                     |  |                                     |  |              |         |
|                            |          |                |          | appd                                                    | P NZ      | 04.09.27                      |  |                                                                                                     |  |                                     |  |              |         |
|                            |          |                |          |                                                         |           |                               |  |                                                                                                     |  |                                     |  |              |         |
| sheet index                |          | revision sheet |          |                                                         |           |                               |  |                                                                                                     |  | dwg no                              |  | sheet 2 of 2 | size    |
|                            |          |                |          |                                                         |           |                               |  |                                                                                                     |  | 76342                               |  |              | A3      |
|                            |          |                |          |                                                         |           |                               |  |                                                                                                     |  | type                                |  | CUSTOMER     | Drawing |
|                            |          |                |          |                                                         |           |                               |  |                                                                                                     |  |                                     |  |              |         |

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