

PRODUCT NUMBER  
91618-YXXZLF

RoHS COMPATIBLE, SEE NOTE 7

A: PRODUCT WITH PICK UP CAP PACKED IN  
TAPE & REEL SEE TA856.

B: PRODUCT WITH PICK UP CAP PACKED IN TUBE.

NUMBER OF POSITIONS PER ROW: 06 UP TO 30.  
MORE THAN 30 POSITIONS ON SPECIAL REQUEST.

3= 0.76µm GOLD ON CONTACT AREA.  
2µm MIN MATTE TIN ON TAIL.

4= 2µm TIN FULL PLATED

8= 0.38µm GOLD ON CONTACT AREA.  
2µm MIN MATTE TIN ON TAIL.

1.27µm Ni MIN UNDERPLATING

NOTES:

- 1 - HOUSING MAT'L: THERMOPLASTIC GLASS FILLED  
FLAME RETARDANT PER UL 94 V-0 COLOR: GREY.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - 06 UP TO 30 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 - RECOMMENDED IR PROFILE PER TA842.
- 6 - Ø2.65 MINI FOR PICK & PLACE ASSEMBLY(=0 INSERTION FORCE).
- 7 - 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

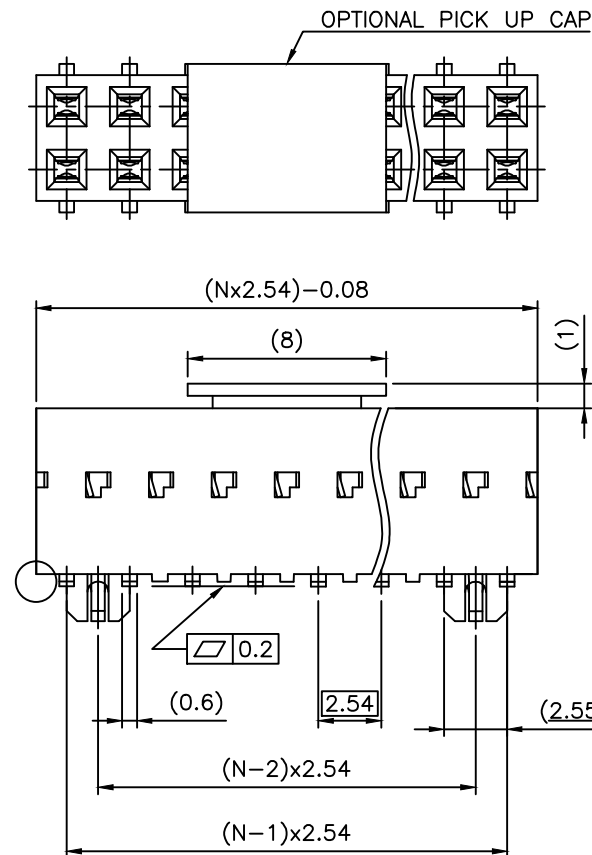
- THE HOUSING WILL WITHSTAND EXPOSURE TO  
260°C PEAK TEMPERATURE FOR 30 SECONDS  
MAX IN A CONVECTION, INFRA-RED OR VAPOR  
PHASE OR REFLOW OVEN.

c - LABELING:

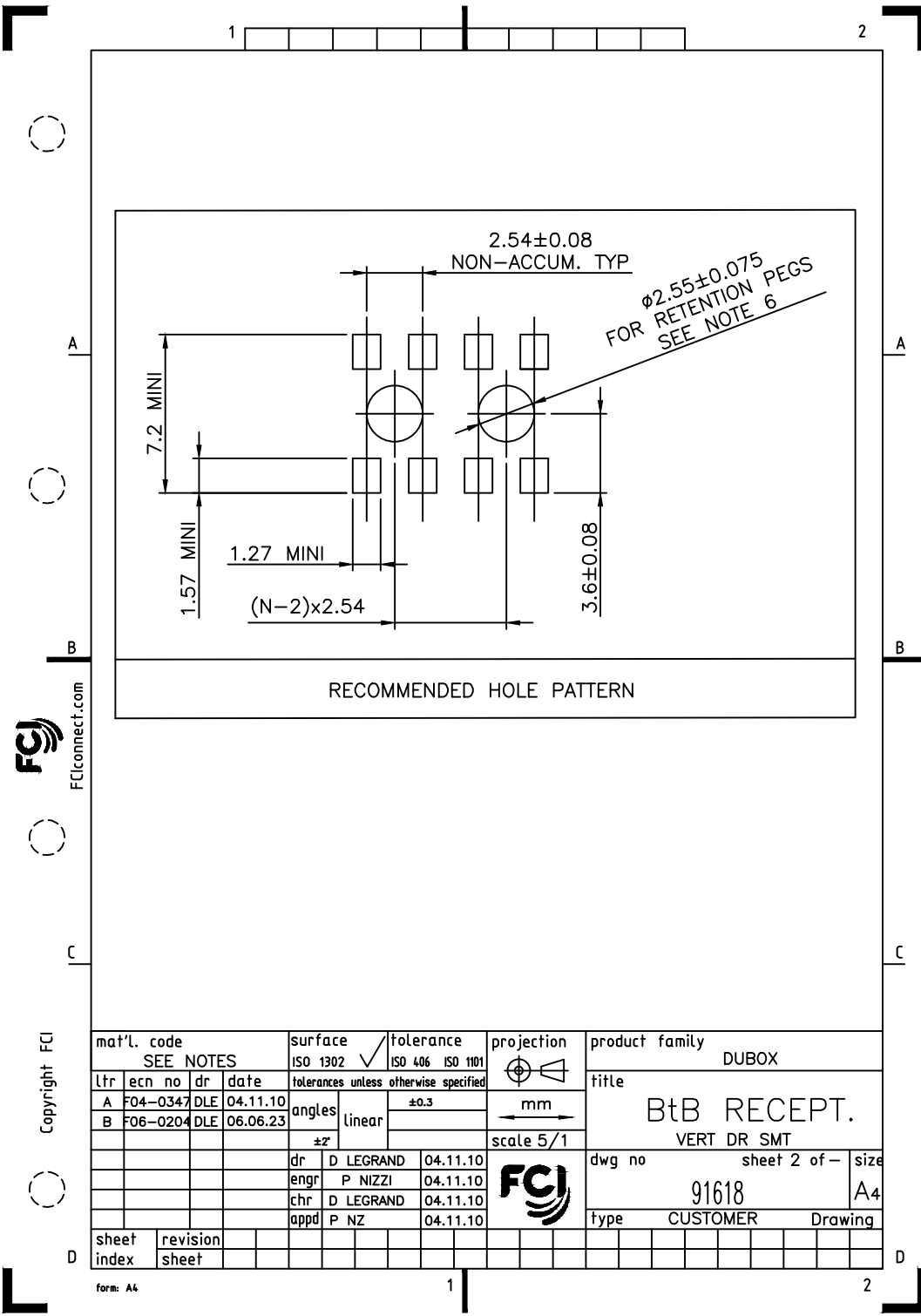
- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

8 - NO END STAND-OFFS



|                          |          |     |          |                                       |            |                               |           |                                                                                                     |                                                                                       |                         |              |  |         |
|--------------------------|----------|-----|----------|---------------------------------------|------------|-------------------------------|-----------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|--------------|--|---------|
| mat'l. code<br>SEE NOTES |          |     |          | 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                   |              |  |         |
| W                        | F-21499  | AMA | 15.07.23 | angles                                | linear     | ±0.3                          |           |                                                                                                     |                                                                                       | BtB RECEPT.             |              |  |         |
| R                        | F04-0347 | DLE | 04.11.10 |                                       |            | ±2°                           | scale 5/1 |                                                                                                     |                                                                                       | VERT DR SMT             |              |  |         |
| S                        | F06-0137 | DLE | 06.02.27 | dr                                    | D LEGRAND  |                               | 02.10.08  |                | dwg no                                                                                |                         | sheet 1 of 2 |  | size    |
| T                        | F06-0204 | DLE | 06.06.23 | engr                                  | P NIZZI    |                               | 02.10.08  |                                                                                                     | 91618                                                                                 |                         |              |  | A3      |
| U                        | F11-0043 | JCO | 12.02.22 | chr                                   | JF NOTTEAU |                               | 02.10.08  |                                                                                                     |                                                                                       |                         |              |  |         |
| V                        | B-19123  | LMU | 14.10.21 | appd                                  | P NZ       |                               | 02.10.08  |                                                                                                     | type                                                                                  |                         | CUSTOMER     |  | Drawing |
| sheet                    | revision |     | W        | B                                     |            |                               |           |                                                                                                     |                                                                                       |                         |              |  |         |
| index                    | sheet    |     | 1        | 2                                     |            |                               |           |                                                                                                     |                                                                                       |                         |              |  |         |



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|--------------------------|----------------|-----|----------|---------------------------------------|-------------------------------|------------------|--------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTES |                |     |          | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 1101 | projection<br>mm | product family<br>DUBOX                    |  |  |  |
| ltr                      | ecr no         | dr  | date     | tolerances unless otherwise specified |                               | mm               | title<br>BtB RECEPT.<br>VERT DR SMT        |  |  |  |
| A                        | F04-0347       | DLE | 04.11.10 | angles                                | linear                        |                  |                                            |  |  |  |
| B                        | F06-0204       | DLE | 06.06.23 | ±2'                                   |                               | scale 5/1        | dwg no<br>91618<br>sheet 2 of - size<br>A4 |  |  |  |
|                          |                |     |          | dr                                    | D LEGRAND                     | 04.11.10         |                                            |  |  |  |
|                          |                |     |          | enr                                   | P NIZZI                       | 04.11.10         | type<br>CUSTOMER<br>Drawing                |  |  |  |
|                          |                |     |          | chr                                   | D LEGRAND                     | 04.11.10         |                                            |  |  |  |
|                          |                |     |          | appd                                  | P NZ                          | 04.11.10         |                                            |  |  |  |
| sheet index              | revision sheet |     |          |                                       |                               |                  |                                            |  |  |  |

form: A4