

PRODUCT NUMBER  
91601-YXXZLF

INDICATES THE PRODUCT IS RoHS COMPATIBLE, NOTE 6.

- A: TAPE & REEL PACKAGING, HOUSING AND PICK-UP CAP COLOUR GREY  
G: TAPE & REEL PACKAGING, HOUSING AND PICK-UP CAP COLOUR BLACK  
FOR AVAILABILITY, SEE TAB56.  
AV: TAPE & REEL PACKAGING FOR VALEO, HOUSING AND  
PICK-UP CAP COLOUR GREY.  
NUMBER OF POSITIONS: 02 UP TO 25.  
MORE THAN 25 POSITIONS ON SPECIAL REQUEST.

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 & PICK UP CAP MATERIAL: HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94 COLOR: GREY or BLACK
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - 2 UP TO 4 POSITIONS PRODUCT PACKED IN PLASTIC BOX.  
5 UP TO 30 POSITIONS PRODUCT PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS  
EXAMPLE: 8 POS: (Nx2.54)-0.08=20.24 mm.
- 5 - RECOMMENDED IR PROFILE PER TA842.
- 6 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS

d - 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:

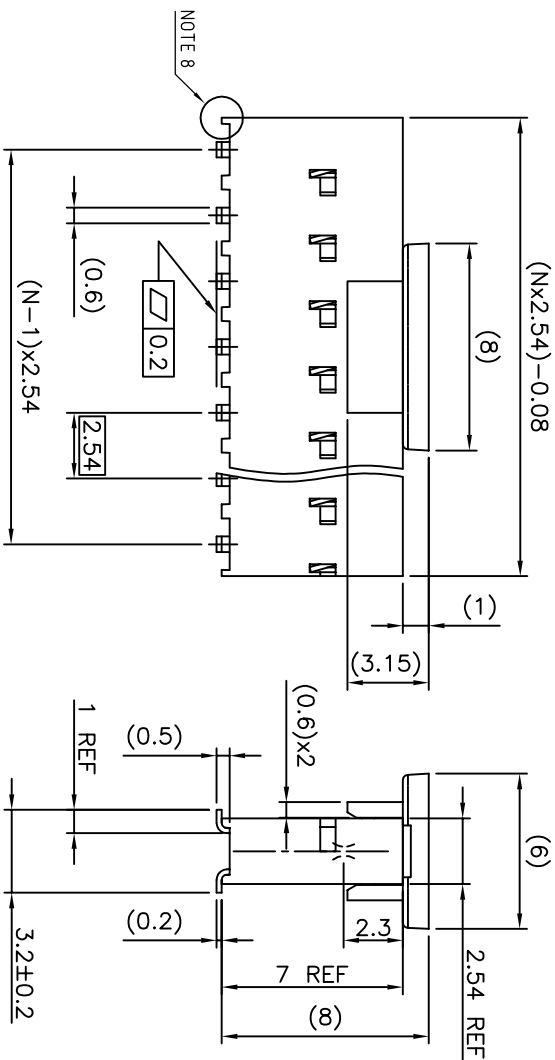
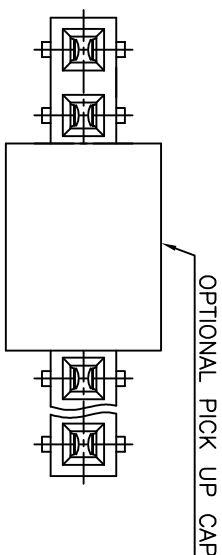
- MEETS PACKAGING SPECS AS PER GS-14-920
- d - LEGAL STATEMENT: SEE GS-47-0004

7 - HOUSING MADE FROM HIGH TEMPERATURE HALOGEN FREE RESIN

30% GLASS FILLED FLAME RETARDANT PER UL-94V-0 BLACK COLOUR.

OMIT 'HF' FROM PRODUCT NUMBER IF HTS OPTION IS NOT REQUIRED

- 8 - END STAND-OFFS FOR 1x2 UP TO 1X5 POS  
NO END STAND-OFFS FOR 1x6 UP TO 1x50 POS



| mat'l. code |          |     |          |                                       |   |        |         |                  |          | surface                                                                             |  | tolerance       |  | projection                                                                          |              | product family |  |
|-------------|----------|-----|----------|---------------------------------------|---|--------|---------|------------------|----------|-------------------------------------------------------------------------------------|--|-----------------|--|-------------------------------------------------------------------------------------|--------------|----------------|--|
| SEE NOTES   |          |     |          |                                       |   |        |         |                  |          | ISO 1302                                                                            |  | ISO 406 ISO 101 |  |  |              | DUBOX          |  |
| ltr         | ecm no   | dr  | date     | tolerances unless otherwise specified |   | angles | linear  | .0±.3<br>.00±.0x |          |  |  | scale 5:1       |  | title                                                                               |              |                |  |
| AD          | F10-0228 | JCO | 10.10.04 |                                       |   |        |         |                  |          |                                                                                     |  |                 |  | BtB RECEIPT                                                                         |              |                |  |
| AE          | F11-0093 | JCO | 11.08.18 |                                       |   |        |         |                  |          |                                                                                     |  |                 |  | VERT SR SMT                                                                         |              |                |  |
| AF          | F11-0043 | LMU | 12.02.23 | 0.±.2                                 |   |        |         | .000±.00x        |          |                                                                                     |  |                 |  |                                                                                     |              |                |  |
| AG          | B-19176  | LMU | 14.10.21 | dr                                    | P | D      | LEGRAND | 96.10.11         |          |                                                                                     |  |                 |  | drg no                                                                              |              |                |  |
|             |          |     |          |                                       |   | engr   | P       | NIZZI            | 96.10.11 |                                                                                     |  |                 |  |                                                                                     | sheet 1 of 2 |                |  |
| AB          | F07-0245 | PNZ | 07.08.14 | chr                                   | D | LE     |         | 96.10.11         |          |                                                                                     |  |                 |  | 91601                                                                               |              |                |  |
| AC          | F08-0102 | PNZ | 08.01.18 | appd                                  | P | NZ     |         | 96.10.11         |          |                                                                                     |  |                 |  | A3                                                                                  |              |                |  |
| sheet       | revision | AG  | B        |                                       |   |        |         |                  |          |                                                                                     |  |                 |  | Type                                                                                |              |                |  |
| index       | sheet    | 1   | 2        |                                       |   |        |         |                  |          |                                                                                     |  |                 |  | Product Customer Drawing                                                            |              |                |  |

A

A

B

B

C

C

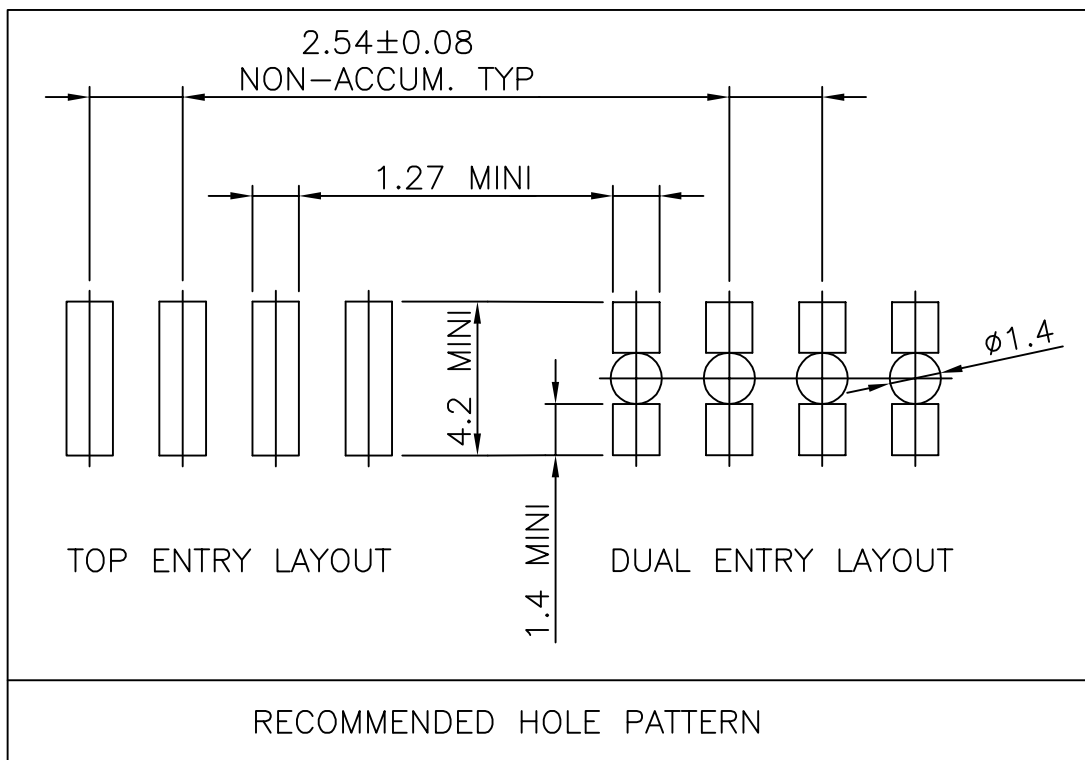


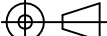
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D

D



|                          |          |                |          |                                       |           |                                                 |  |                                                                                                                                                                                  |  |                                     |  |  |  |  |  |  |              |  |  |  |      |  |  |
|--------------------------|----------|----------------|----------|---------------------------------------|-----------|-------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|--|--|--|--|--|--------------|--|--|--|------|--|--|
| 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 |           | angles<br>linear<br>XX ±0.15<br>XX ±0.05<br>±2° |  | <br>mm<br> |  | title<br>BtB RECEPT.<br>VERT SR SMT |  |  |  |  |  |  |              |  |  |  |      |  |  |
| A                        | F04-0347 | DLE            | 04.11.10 |                                       |           |                                                 |  |                                                                                                                                                                                  |  |                                     |  |  |  |  |  |  |              |  |  |  |      |  |  |
| B                        | F06-0204 | DLE            | 06.06.23 |                                       |           |                                                 |  |                                                                                                                                                                                  |  |                                     |  |  |  |  |  |  |              |  |  |  |      |  |  |
|                          |          |                |          | dr                                    | D LEGRAND | 96.10.11                                        |  |                                                                                               |  | dwg no                              |  |  |  |  |  |  | sheet 2 of 2 |  |  |  | size |  |  |
|                          |          |                |          | engr                                  | P NIZZI   | 96.10.11                                        |  |                                                                                                                                                                                  |  | 91601                               |  |  |  |  |  |  | A4           |  |  |  |      |  |  |
|                          |          |                |          | chr                                   | D LE      | 96.10.11                                        |  |                                                                                                                                                                                  |  |                                     |  |  |  |  |  |  |              |  |  |  |      |  |  |
|                          |          |                |          | appd                                  | P NZ      | 96.10.11                                        |  |                                                                                                                                                                                  |  |                                     |  |  |  |  |  |  |              |  |  |  |      |  |  |
| sheet index              |          | revision sheet |          |                                       |           |                                                 |  |                                                                                                                                                                                  |  |                                     |  |  |  |  |  |  |              |  |  |  |      |  |  |

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