

PRODUCT NUMBER  
76382-YXXLF

PLATING

RoHS COMPATIBLE, SEE NOTE 7

NUMBER OF POSITIONS : 02 TO 36

3=0.76μm GOLD/GXT ON CONTACT AREA

2μm MIN MATTE TIN ON TAIL

1.27μm Ni MIN UNDERPLATING

#### NOTES:

1. BODY MATERIAL: POLYESTER 30% GLASSFILLED COLOR BLUE, FLAME RETARDANT PER UL-94 V0.

2. CONTACT MATERIAL: PHOSPHOR BRONZE.

3. 15N MIN PIN RETENTION IN EITHER DIRECTION

4. 0.6 MAX PROTRUSION PERMITTED AT 4 PLACES

5. PACKAGING :

- POLYBAGS FROM 02 TO 06 POSITIONS
- TUBE FROM 07 TO 36 POSITIONS

6. TO DETERMINE DIMENSIONS :

N = NUMBER OF POSITIONS PER ROW

EXAMPLE : 8 POS N x 2.54 = 20.32mm

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

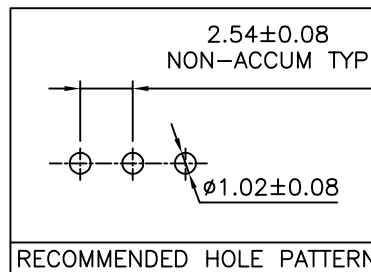
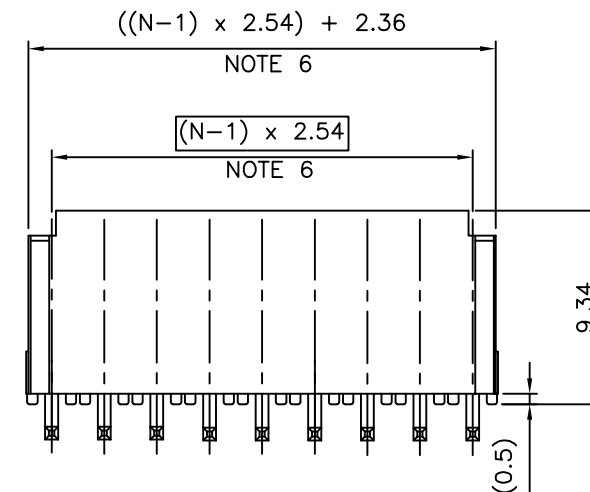
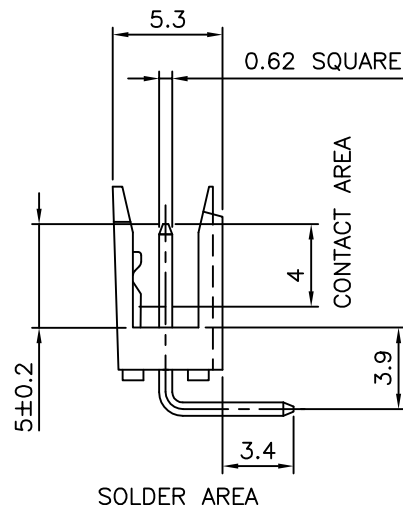
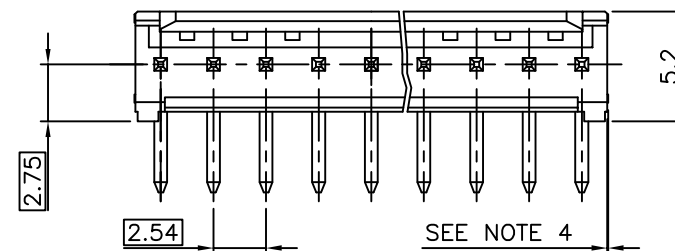
- THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

#### TOP VIEW



|                         |          |                |          |                                       |        |                               |          |                                                                                                     |                          |                         |                  |  |      |
|-------------------------|----------|----------------|----------|---------------------------------------|--------|-------------------------------|----------|-----------------------------------------------------------------------------------------------------|--------------------------|-------------------------|------------------|--|------|
| mat'l. code<br>SEE NOTE |          |                |          | 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                    |                         |                  |  |      |
| S                       | F-21810  | AMA            | 15.06.19 | angles                                | linear | .X ±0.3                       |          |                                                                                                     | SHR. HEADER<br>RA SR TMT |                         |                  |  |      |
|                         |          |                |          |                                       |        | .XX ±0.15                     |          |                                                                                                     |                          |                         |                  |  |      |
| L                       | F05-0117 | LMU            | 05.01.27 |                                       |        | .XXX ±0.05                    |          |                                                                                                     |                          |                         |                  |  |      |
|                         |          |                |          |                                       |        |                               |          | scale 5:1                                                                                           |                          |                         |                  |  |      |
| M                       | F05-0244 | JCO            | 05.09.06 | dr                                    |        | D.LE                          | 01.01.24 |                | dwg no                   |                         | sheet 1 of 1     |  | size |
| N                       | F06-0228 | LMU            | 06.07.11 | engr                                  |        | JM.C                          | 01.01.24 |                                                                                                     |                          |                         |                  |  | A    |
| P                       | F08-0147 | YOV            | 08.04.14 | chr                                   |        | JM.C                          | 01.01.24 |                                                                                                     |                          |                         | 76382            |  |      |
| R                       | B-19285  | AMA            | 14.11.03 | appd                                  |        | JF.N                          | 01.01.24 |                                                                                                     | type                     |                         | CUSTOMER Drawing |  |      |
| sheet index             |          | revision sheet |          |                                       |        |                               |          |                                                                                                     |                          |                         |                  |  |      |