

# PRODUCT NUMBER

76383-YXXLF

## PLATING

3=0.76µm GOLD/GXT ON CONTACT AREA  
3.81µm TIN-LEAD ON TAIL

4=3.81µm TIN-LEAD ON CONTACT AREA  
AND ON TAIL

WHEN "LF" IS REQUIRED, 2µm MIN  
MATTE TIN OVER 1.27µm MIN NICKEL  
IS PROVIDED INSTEAD OF TIN-LEAD

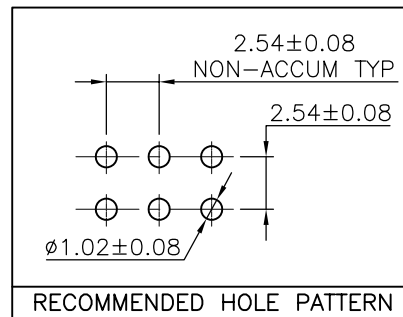
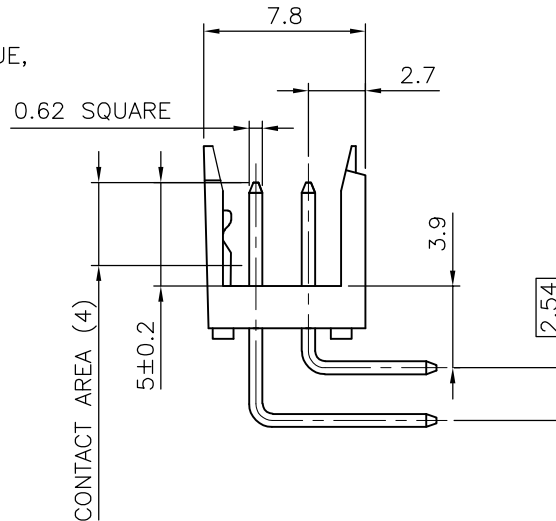
WHEN REQUIRED, ADD SUFFIX LETTER "LF"  
INDICATES THE PRODUCT IS RoHS  
COMPATIBLE, SEE NOTE 7

NUMBER OF POSITIONS PER ROW: 02 TO 36

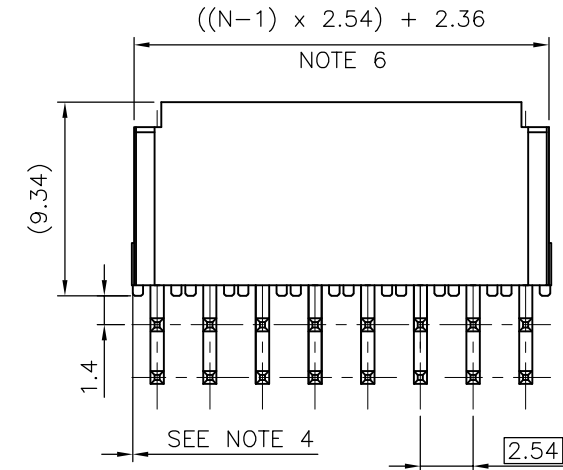
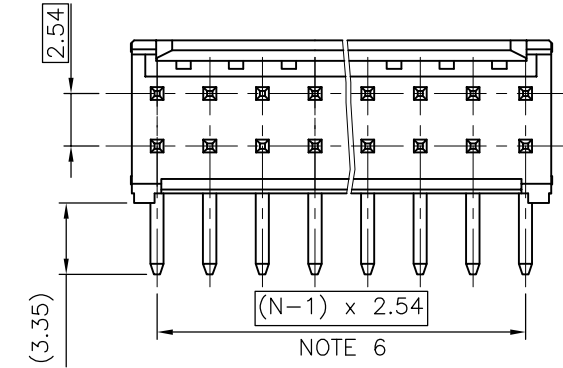
## NOTES:

- BODY MATERIAL: POLYESTER 30% GLASSFILLED COLOR BLUE,  
FLAME RETARDANT PER UL-94 V0.
- CONTACT MATERIAL: PHOSPHOR BRONZE.
- 15N MIN PIN RETENTION IN EITHER DIRECTION
- 0.6 MAX PROTRUSION PERMITTED AT 4 PLACES
- PACKAGING :  
- POLYBAGS FROM 2 x 02 TO 2 x 06 POSITIONS  
- TUBE FROM 2 x 07 TO 2 x 36 POSITIONS
- TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- PLATING:  
- "LF" MEANS THE PRODUCT IS LEAD-FREE,  
2µm MINIMUM MATTE TIN OVER 1.27µm  
MINIMUM NICKEL UNDERPLATE.
- 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.
- LABELING:  
- MEETS PACKAGING SPECS AS PER GS-14-920
- 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 |        |                               |  | <br>mm<br>scale 5:1 |  | title<br>SHR. HEADER<br>RA DR TMT |  |              |      |
| M                       | F10-0043 | LMU            | 10.05.03 | angles                                | linear | .X ±0.3                       |  |                                                                                                          |  |                                   |  |              |      |
| N                       | F-21810  | AMA            | 15.06.19 |                                       |        | .XX ±0.15                     |  |                                                                                                          |  |                                   |  |              |      |
| P                       | F-38327  | DDE            | 20.09.11 |                                       |        | .XXX ±0.05                    |  |                                                                                                          |  |                                   |  |              |      |
|                         |          |                |          | dr                                    | D.LE   | 01.01.24                      |  |                     |  | dwg no                            |  | sheet 1 of 1 | size |
|                         |          |                |          | engr                                  | JM.C   | 01.01.24                      |  |                                                                                                          |  | 76383                             |  | A3           |      |
|                         |          |                |          | chr                                   | JM.C   | 01.01.24                      |  |                                                                                                          |  |                                   |  |              |      |
|                         |          |                |          | appd                                  | JF.N   | 01.01.24                      |  |                                                                                                          |  |                                   |  |              |      |
| sheet index             |          | revision sheet |          |                                       |        |                               |  |                                                                                                          |  | type<br>CUSTOMER Drawing          |  |              |      |
|                         |          |                |          |                                       |        |                               |  |                                                                                                          |  |                                   |  |              |      |