

# PRODUCT NUMBER

57102-XXX-XXXXXL

## PLATING

S = 0.38µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL

G = 0.76µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL

F = GOLD FLASH ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL

1.27µm MIN NICKEL UNDERPLATING

RoHS COMPATIBLE SEE NOTE 7

POLARIZATION, SEE NOTE 6

PACKAGING, SEE NOTE 5

NB OF POSITIONS PER ROW: 02 TO 25 POS

| PIN STYLE | POST LENGTH | TAIL LENGTH | OAL   |
|-----------|-------------|-------------|-------|
| 02        | 2.00        | 2.50        | 6.00  |
| 04        | 2.00        | 3.00        | 6.50  |
| 06        | 4.00        | 2.50        | 8.00  |
| 08        | 4.00        | 3.00        | 8.50  |
| 10        | 6.00        | 3.00        | 10.50 |
| 12        | 5.71        | 4.37        | 11.58 |

## NOTES:

1. MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC  
UL 94V-0, COLOR BLACK

2. MATERIAL TERMINAL: COPPER ALLOY

3. TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW

4. 7N MIN. PIN RETENTION IN EITHER DIRECTION.

5. PACKAGING:

= STANDARD PACKAGING IN POLYBAGS

- = PACKAGING POLYBAGS WHEN POLARIZATION FEATURE APPLICABLE

U = TUBE AVAILABLE FROM 03 TO 25 POS PER ROW

6. FOR POLARIZATION, SPECIFIED PIN

EXAMPLE : 03 = OMIT PIN POSITION 3, SEE TOP VIEW

OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE

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 ±5°C SOLDER BATH TEMPERATURE FOR  
5 SECONDS IN A WAVE SOLDER APPLICATION  
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

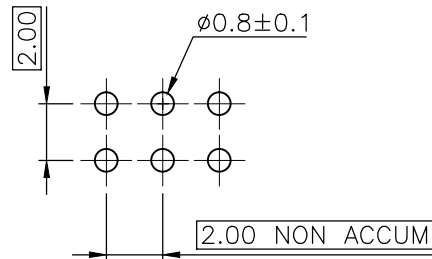
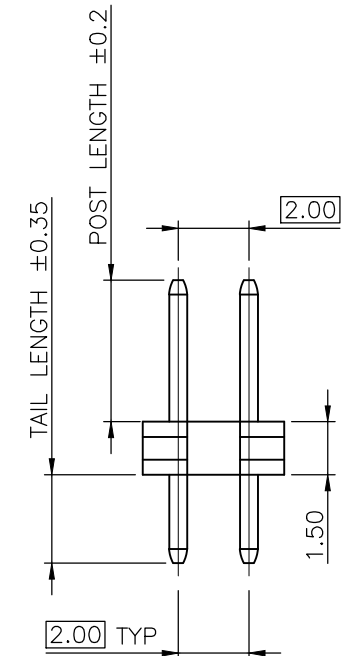
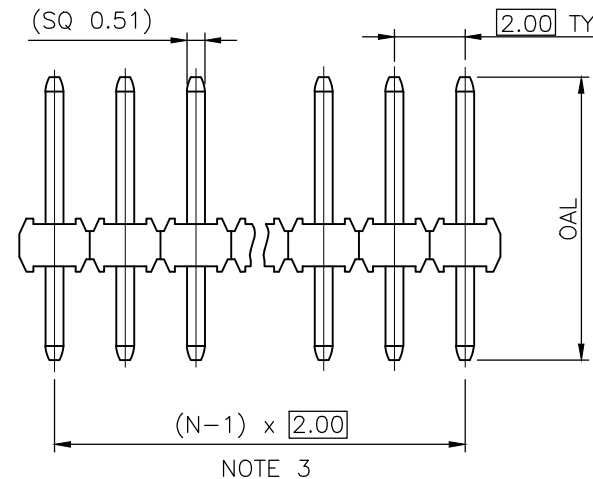
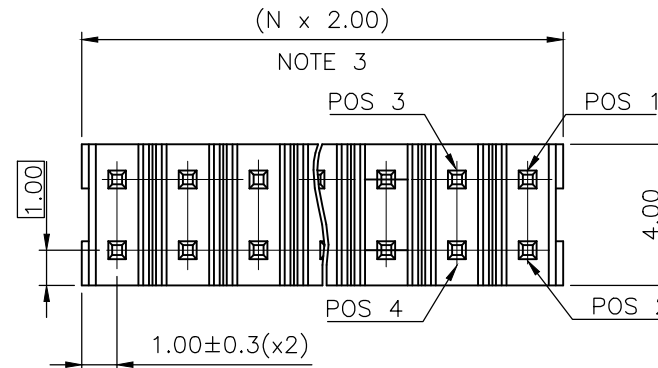
- COMPATIBLE TO REFLOW PROCESS 260°C MAX  
FOR 30 SECONDS

c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

## TOP VIEW



RECOMMENDED HOLE PATTERN

|             |          |     |          |                  |                                       |            |                      |
|-------------|----------|-----|----------|------------------|---------------------------------------|------------|----------------------|
| mat'l. code |          |     |          | surface          | tolerance                             | projection | product family       |
| ISO 1302    |          |     |          | ISO 406          | ISO 101                               | MINITEK    |                      |
| ltr         | ecn      | no  | dr       | date             | tolerances unless otherwise specified |            | title                |
| L           | F12-0062 | LMU |          | 12.05.25         | .X ±0.3                               |            | UNSH HEADER          |
| M           | B-19190  | LMU |          | 14.10.24         | .XX ±0.13                             | mm         | 2.00 mm VERTICAL TMT |
| N           | B-19797  | AMA |          | 14.12.16         | .XXX ±0.05                            | scale 1:1  |                      |
| P           | B-19988  | LMU | 15.01.13 | dr               | L.MULIN                               | 04.05.06   | dwg no               |
| J           | F08-0145 | ELA | 17.04.08 | chr              | engr J.COMPAGNON                      | 04.11.25   | sheet 1 of 1         |
| K           | F11-0026 | JCO | 11.05.12 | appd             | JM.C                                  | 04.11.25   | size                 |
| sheet       | revision |     |          |                  |                                       |            | 57102                |
| index       | sheet    |     |          |                  |                                       |            | A3                   |
|             |          |     |          | type             |                                       |            |                      |
|             |          |     |          | CUSTOMER Drawing |                                       |            |                      |