

PRODUCT NUMBER

57102-XXX-XXXXLX

PLATING

S = 0.38µm GOLD/GXT ON CONTACT AREA  
3.81µm TIN LEAD ON TAIL

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

F = GOLD FLASH ON CONTACT AREA  
3.81µm TIN LEAD ON TAIL

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

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

POLARIZATION, SEE NOTE 4

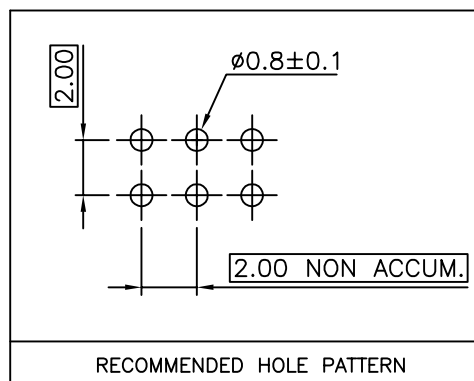
PACKAGING, SEE NOTE 5

NB OF POSITIONS PER ROW: 02 TO 25 POS

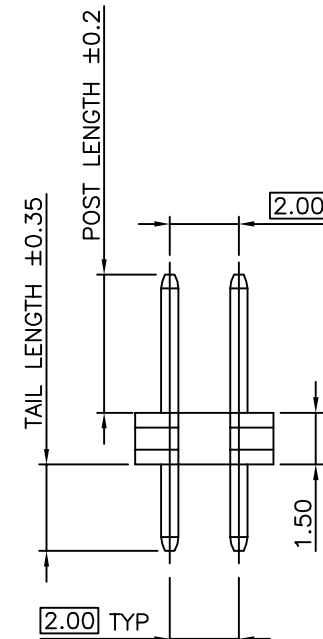
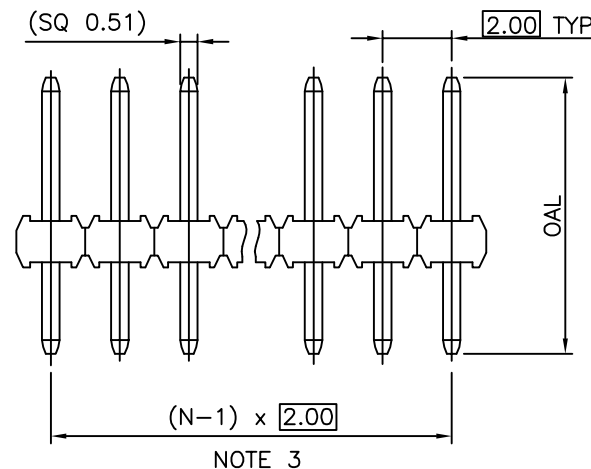
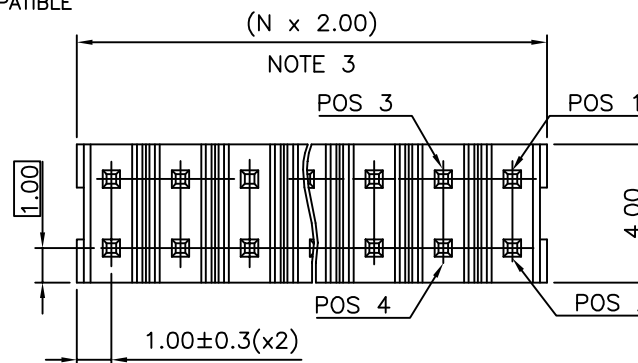
| PIN STYLE | POST LENGTH | TAIL LENGTH | OAL   |
|-----------|-------------|-------------|-------|
| 02        | 2.00        | 2.50        | 6.00  |
| 04        | 2.00        | 3.00        | 6.50  |
| 06        | 4.00        | 2.50        | 8.00  |
| 08        | 4.00        | 3.00        | 8.50  |
|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

NOTES:

- MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC  
UL 94V-0, COLOR BLACK
- MATERIAL TERMINAL: COPPER ALLOY
- TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW
- 7N MIN. PIN RETENTION IN EITHER DIRECTION.
- PACKAGING:  
= PLASTIC BOX  
- = PLASTIC BOX WHEN POLARIZATION FEATURE APPLICABLE  
U = TUBE AVAILABLE FROM 03 TO 25 POS PER ROW
- FOR POLARIZATION, SPECIFIED PIN  
EXAMPLE : 03 = OMIT PIN POSITION 3, SEE TOP VIEW  
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE
- 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  
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 SECONDES
  - LABELLING:  
- MEETS PACKAGING SPECS AS PER GS-14-920
  - LEGAL STATEMENT : SEE GS-22-008



TOP VIEW



|             |  |                |  |              |  |                                       |  |                       |  |
|-------------|--|----------------|--|--------------|--|---------------------------------------|--|-----------------------|--|
| mat'l. code |  | surface        |  | tolerance    |  | projection                            |  | product family        |  |
|             |  | ISO 1302       |  | ISO 406      |  | ISO 101                               |  | MINITEK               |  |
| ltr         |  | ecn no         |  | date         |  | tolerances unless otherwise specified |  | title                 |  |
| D           |  | F03-0205       |  | JCO 03.05.21 |  | .X ±0.3                               |  | UNSH HEADER           |  |
| E           |  | F04-0178       |  | LMU 04.11.25 |  | .XX ±0.13                             |  | 2.00 mm VERTICAL TMT  |  |
| F           |  | F04-0378       |  | LMU 04.11.26 |  | .XXX ±0.05                            |  | scale 1:1             |  |
| G           |  | F05-0124       |  | LMU 05.02.07 |  | dr L.MULIN 04.05.06                   |  | dwg no                |  |
| H           |  | F06-0210       |  | LMU 06.07.04 |  | engr J.COMPAGNON 04.11.25             |  | sheet 1 of 1          |  |
| J           |  | F08-0145       |  | ELA 17.04.08 |  | chr                                   |  | size                  |  |
| K           |  | F11-0026       |  | JCO 11.05.12 |  | appd JM.C 04.11.25                    |  | 57102                 |  |
| sheet index |  | revision sheet |  |              |  |                                       |  | A3                    |  |
|             |  |                |  |              |  |                                       |  | type CUSTOMER Drawing |  |