

PRODUCT NUMBER  
10075024-XXX-XXXLF

PLATING

S = 0.38µm GOLD ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL  
G = 0.76µm GOLD 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

LEAD FREE  
RoHS COMPATIBLE  
NOTE 6

PACKAGING  
NOTE 5

POSITIONS PER ROW  
02 TO 25

SEE NOTE 9

| PIN STYLE | DIM "A"<br>±0.25 | DIM "B"<br>±0.20 |
|-----------|------------------|------------------|
| 01        | 4.00             | 2.00             |
| 02        | 6.90             | 2.00             |
| 03        | 5.80             | 2.00             |
| 04        | 6.00             | 3.00             |

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:
  - = STANDARD PACKAGING IN POLYBAG
  - U = TUBE WITHOUT PICK UP CAP  
AVAILABLE FROM 03 TO 25 POS PER ROW
  - P = TUBE WITH PICK UP CAP  
AVAILABLE FROM 03 TO 25 POS PER ROW
  - A = TAPE AND REEL WITH PICK UP CAP, AS AVAILABLE.

6. 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 PEAK TEMPERATURE FOR 30 SECONDS MAX  
IN A CONVECTION, INFRA-RED, OR VAPOR PHASE  
OR REFLOW OVEN

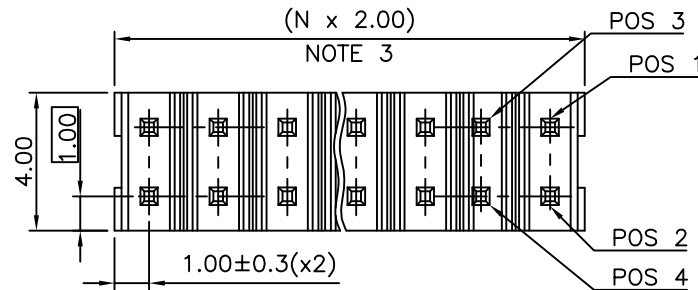
c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920

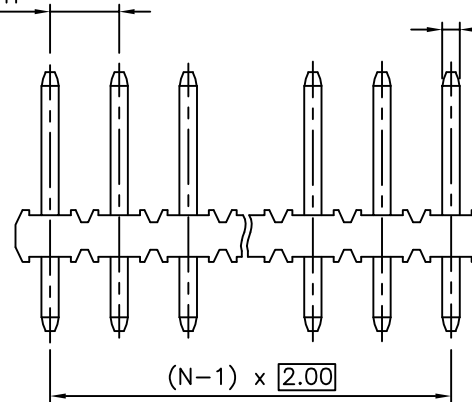
d - LEGAL STATEMENT: SEE GS-47-0004

9. OPTIONAL LETTER:

FOR FULL LOADED PRODUCT USE -  
FOR POLARIZED VERSIONS, SEE TABLE

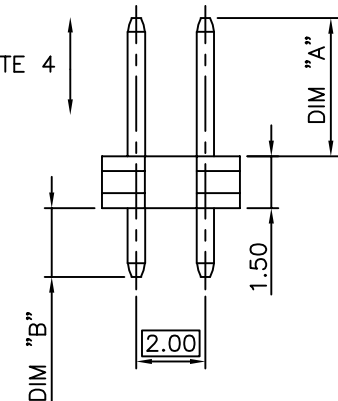


2.00 TYP



SQUARE 0.51 REF

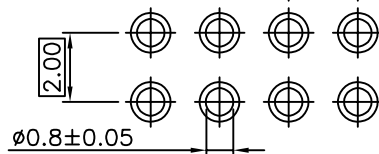
NOTE 4



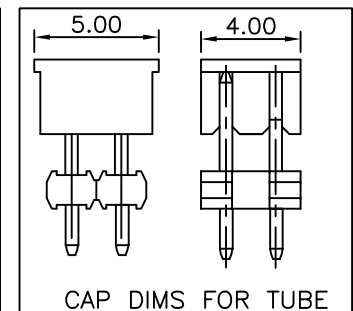
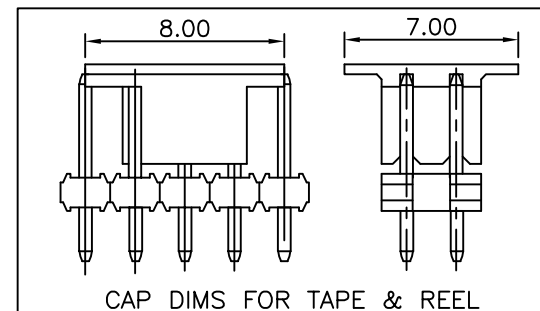
| OPTIONAL LETTER FOR<br>POLARIZED VERSION | MISSING PIN<br>POSITION |
|------------------------------------------|-------------------------|
| A                                        | 20                      |

2.00 TYP

NON-ACCUMULATIVE



RECOMMENDED 1.6mm THICK PCB LAYOUT  
STENCIL DESIGN RECOMMENDATIONS



|                        |  |                |  |                                                      |  |                                                                                                    |  |            |  |                        |  |
|------------------------|--|----------------|--|------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|------------|--|------------------------|--|
| mat'l. code            |  |                |  | surface <input checked="" type="checkbox"/> ISO 1302 |  | tolerance <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 |  | projection |  | product family MINITEK |  |
| ltr ecn no dr date     |  |                |  | tolerances unless otherwise specified                |  | linear .x ±0.3 .xx ±0.15 .xxx ±0.05                                                                |  | mm         |  | title                  |  |
| H B-19797 AMA 14.12.16 |  |                |  | angles                                               |  |                                                                                                    |  |            |  | UNSHR.HEADER           |  |
| J F-23051 AMA 16.01.15 |  |                |  |                                                      |  |                                                                                                    |  |            |  | 2.00 mm VERTICAL PIP   |  |
| K F-26013 DDE 17.02.02 |  |                |  |                                                      |  |                                                                                                    |  |            |  | dwg no                 |  |
| L F-27930 DDE 17.09.11 |  |                |  | dr                                                   |  | L MULIN 07.01.04                                                                                   |  |            |  | sheet 1 of 1 size      |  |
|                        |  |                |  | enrg                                                 |  | J.COMPAGNON 07.01.04                                                                               |  |            |  | 10075024 A3            |  |
| F B-17556 JCO 14.04.23 |  |                |  | chr                                                  |  |                                                                                                    |  |            |  | type CUSTOMER Drawing  |  |
| G B-19190 LMU 14.10.24 |  |                |  | appd                                                 |  | JM.C 07.01.04                                                                                      |  |            |  |                        |  |
| sheet index            |  | revision sheet |  |                                                      |  |                                                                                                    |  |            |  |                        |  |

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| <a href="#">10075024-S01-03LF</a>  | <a href="#">10075024-F01-04ULF</a> | <a href="#">10075024-F01-05ULF</a> | <a href="#">10075024-F01-06ULF</a> | <a href="#">10075024-F01-07ULF</a> |
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