

**PRODUCT NUMBER**  
98424-X52-XX-XXXLF

**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  
T = 2.0-6.0µm FULL MATTE TIN  
1.27µm Ni MIN UNDERLAYER

RoHS COMPATIBLE, SEE NOTE 8  
POLARIZATION (SEE NOTE 7)  
PACKAGING OPTIONAL LETTER (SEE NOTE 5)  
TOTAL NB OF POSITIONS, 04 TO 50  
COLOR OPTION NOTE 1

**NOTES:**

- MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC UL-94VO  
- = STANDARD COLOR CREAM  
B = OPTIONAL 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 POLYBAGS  
- = POLYBAGS PACKAGING WHEN POLARISATION FEATURE APPLICABLE  
U = TUBE AVAILABLE FROM 08 TO 50 POS  
A = TAPE AND REEL WITH PICK UP CAP INSTALLED IN THE CENTER OF THE PRODUCT FOR PICK AND PLACE, SEE TA884 FOR AVAILABILITY.  
K = TAPE AND REEL WITHOUT PICK UP CAP  
C = TAPE AND REEL WITH SPECIAL LARGE CAP, ONLY FOR 98424-Y52-06CLF FOR ALL SPECIAL PACKAGING, FCI TO BE CONTACTED  
UV = TUBE WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART  
AV = TAPE & REEL WITH PICK UP CAP FOR CUSTOMER DEDICATED PART  
KV = TAPE & REEL WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART

6. DIM "C" = (N x 2) + 1.4  
EXAMPLE: N = 7  
DIM "C" = (7 x 2) + 1.4 = 15.4 mm

7. FOR POLARIZATION, SPECIFIED PIN  
EXAMPLE : A03 = ROW A, POSITION 03 TO OMIT PIN  
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE

**8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS**

**a - PLATING:**

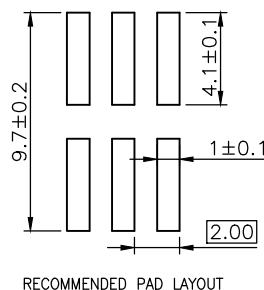
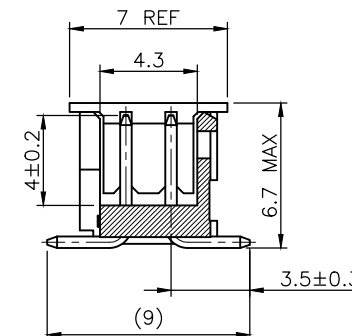
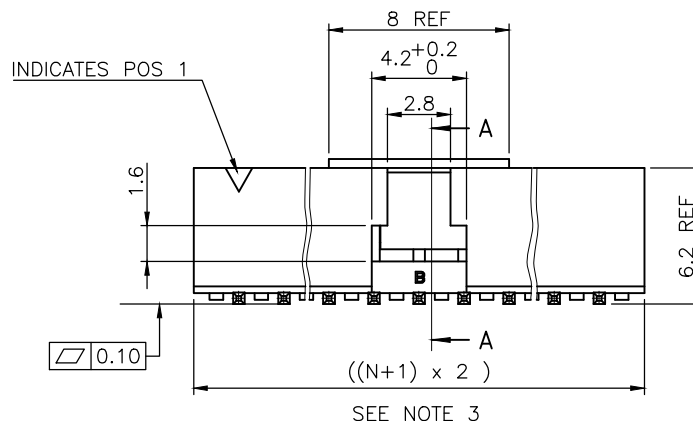
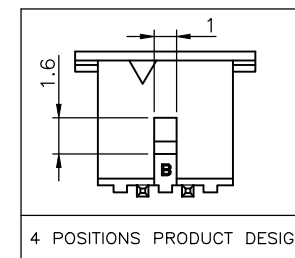
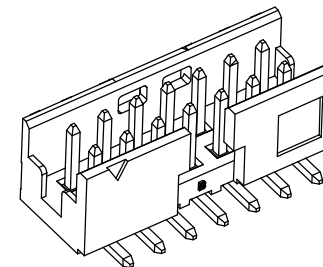
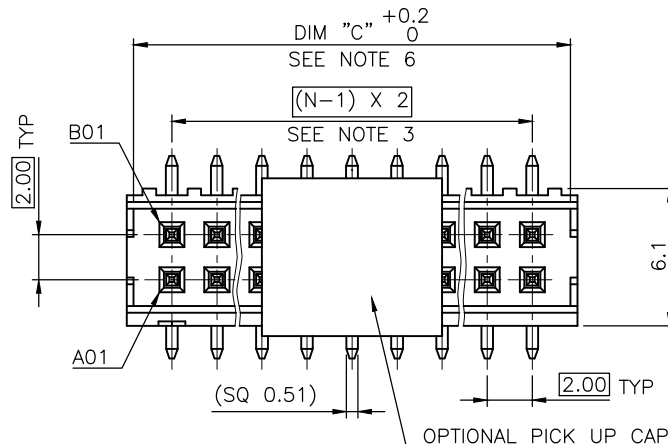
- "LF" MEANS THE PRODUCT IS LEAD-FREE,  
2µm MINIMUM MATTE TIN OVER 1.27µm  
MINIMUM NICKEL UNDERPLATE.

**b - MANUFACTURING PROCESS COMPATIBILITY**

- THE HOUSING WILL WITHSTAND EXPOSURE TO  
260°C PEAK TEMPERATURE FOR 30 SECONDES  
MAX IN A CONVECTION, INFRA-RED OR VAPOR  
PHASE OR REFLOW OVEN.

**c - LABELLING:**

- MEETS PACKAGING SPECS AS PER GS-14-920
- THIS PRODUCT MEETS EUROPEAN DIRECTIVES  
AND OTHER COUNTRY REGULATIONS AS DISCRIBED  
IN GS-47-0004.



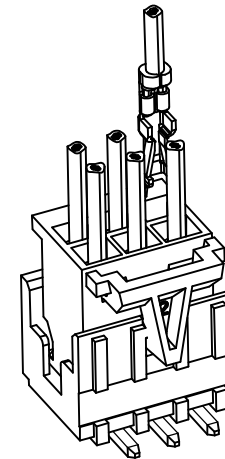
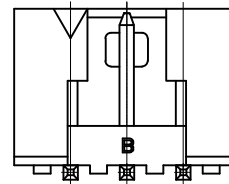
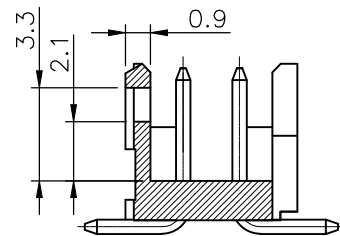
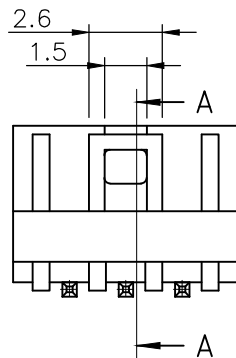
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|--------------------------|----------|-------|-----|-----------------------|---------------------------------------|----------------------|---------------------------------|--|
| mat'l. code<br>SEE NOTES |          |       |     | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406 ISO 101          | projection<br>101    | product family<br>MINITEK       |  |
| ltr                      | ecn      | no    | dr  | date                  | tolerances unless otherwise specified |                      | title                           |  |
| N                        | F10      | 0007  | JCO | 10.01.28              | angles                                | X.X ±0.3             | SHR HEADER<br>2.00 VERTICAL SMT |  |
| P                        | F11      | 0071  | JCO | 11.06.17              | linear                                | X.XX ±0.13           |                                 |  |
| R                        | B        | 18975 | LMU | 14.10.01              |                                       | X.XXX ±0.05          | scale 1:1                       |  |
| S                        | B        | 19190 | LMU | 14.10.24              | dr                                    | L.MULIN 04.09.27     | FCI                             |  |
| T                        | B        | 19797 | AMA | 14.12.16              | engr                                  | J.COMPAGNON 04.09.27 |                                 |  |
| U                        | B        | 19988 | LMU | 15.01.13              | chr                                   |                      |                                 |  |
|                          |          |       |     |                       | appd                                  | JMC 04.09.27         | 98424                           |  |
| sheet                    | revision | U     | A   |                       |                                       |                      | type CUSTOMER Drawing           |  |
| index                    | sheet    | 1     | 2   |                       |                                       |                      | A3                              |  |



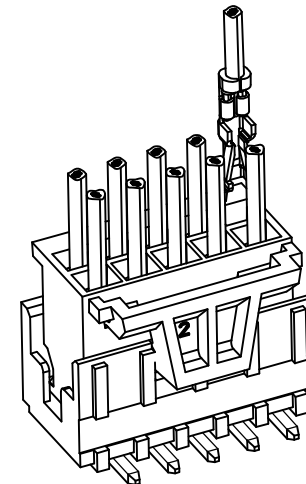
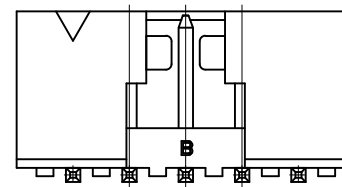
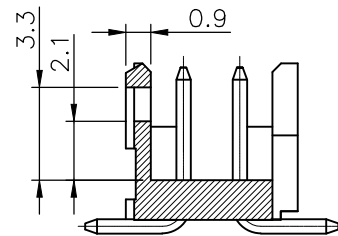
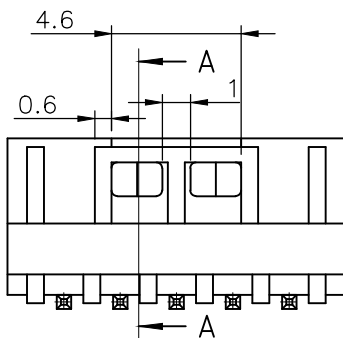
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form: A3



2x3 POS AND 2x4 POS CONFIGURATION  
NO LATCHING AVAILABLE FOR 2x2 POS



2x5 POS UP TO 2x25 POS CONFIGURATION

LATCHING FEATURES WHEN USED IN COMBINATION  
WITH ACTIVE LATCH HOUSING 10073599

|                          |          |     |          |                                       |             |                          |  |                                                                                                         |                                 |                           |                   |  |  |
|--------------------------|----------|-----|----------|---------------------------------------|-------------|--------------------------|--|---------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------|-------------------|--|--|
| mat'l. code<br>SEE NOTES |          |     |          | surface<br>ISO 1302 ✓                 |             | tolerance<br>ISO 406 ISO |  | projection<br>101  |                                 | product family<br>MINITEK |                   |  |  |
| ltr                      | ecn no   | dr  | date     | tolerances unless otherwise specified |             |                          |  |                                                                                                         |                                 | title                     |                   |  |  |
| A                        | F08-0113 | LMU | 08.01.17 | angles                                | linear      | X.X ±0.3                 |  | <br>mm             | SHR HEADER<br>2.00 VERTICAL SMT |                           |                   |  |  |
|                          |          |     |          |                                       |             | X.XX ±0.13               |  |                                                                                                         |                                 |                           |                   |  |  |
|                          |          |     |          |                                       |             | X.XXX ±0.05              |  |                                                                                                         |                                 |                           |                   |  |  |
|                          |          |     |          | dr                                    | L.MULIN     | 07.11.06                 |  |                    | dwg no                          |                           | sheet 2 of - size |  |  |
|                          |          |     |          | engr                                  | J.COMPAGNON | 07.11.06                 |  |                                                                                                         | 98424                           |                           | A3                |  |  |
|                          |          |     |          | chr                                   |             |                          |  |                                                                                                         | CUSTOMER Drawing                |                           |                   |  |  |
|                          |          |     |          | appd                                  | JM.C        | 07.11.06                 |  |                                                                                                         |                                 |                           |                   |  |  |
| sheet index              | revision |     | sheet    |                                       |             |                          |  |                                                                                                         |                                 |                           |                   |  |  |