

# 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:

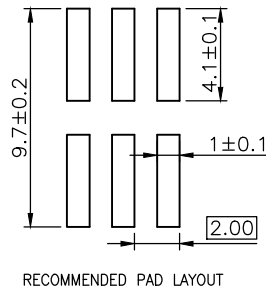
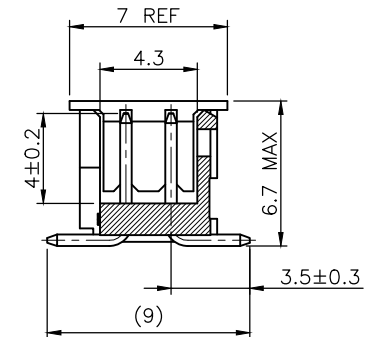
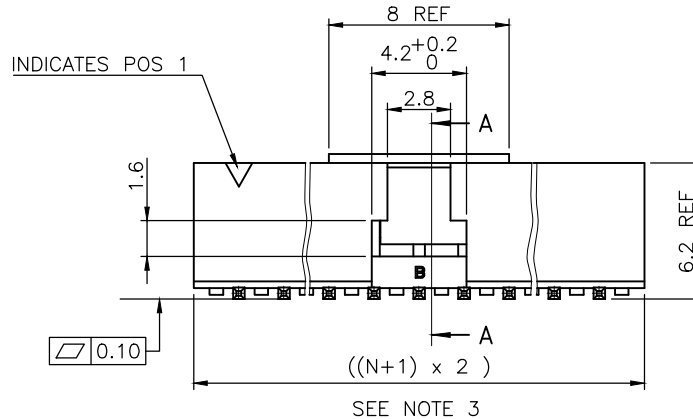
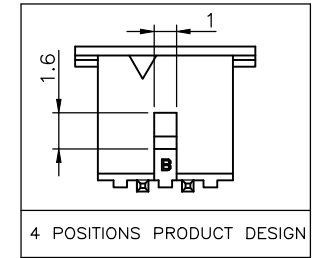
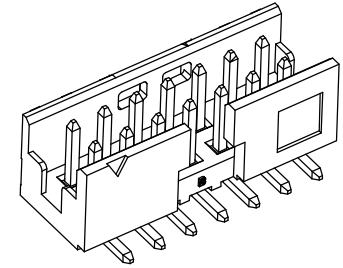
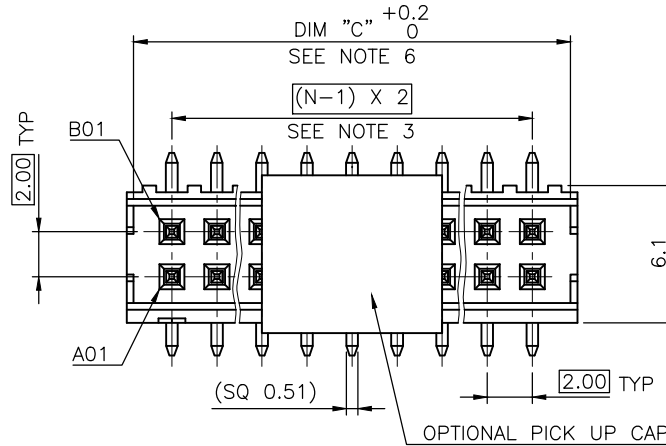
- "LF" MEANS THE PRODUCT IS LEAD-FREE,  
2µm MINIMUM MATTE TIN OVER 1.27µm  
MINIMUM NICKEL UNDERPLATE.

### 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.



|                          |                |       |     |                       |                                       |                      |                           |
|--------------------------|----------------|-------|-----|-----------------------|---------------------------------------|----------------------|---------------------------|
| mat'l. code<br>SEE NOTES |                |       |     | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406 ISO 101          | projection<br>mm     | 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                |
| P                        | F11            | 0071  | JCO | 11.06.17              | linear                                | X.XX ±0.13           | 2.00 VERTICAL SMT         |
| 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     | dwg no                    |
| T                        | B              | 19797 | AMA | 14.12.16              | engr                                  | J.COMPAGNON 04.09.27 | sheet 1 of 2              |
| U                        | B              | 19988 | LMU | 15.01.13              | chr                                   |                      | size                      |
|                          |                |       |     |                       | appd                                  | JMC 04.09.27         | 98424 A3                  |
| sheet index              | revision sheet | U 1   | A 2 |                       |                                       |                      | type                      |
|                          |                |       |     |                       |                                       |                      | CUSTOMER Drawing          |

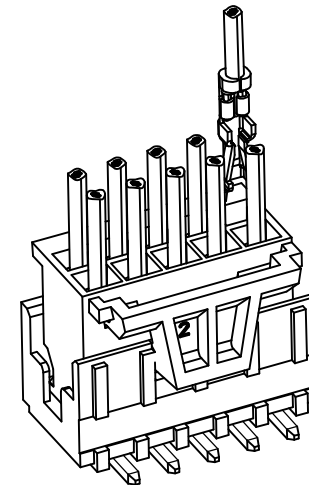
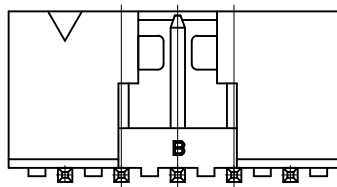
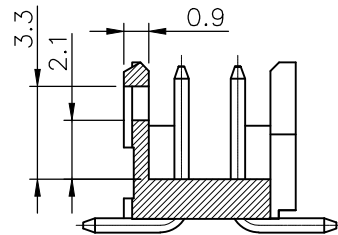
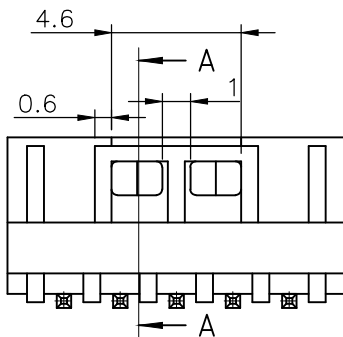
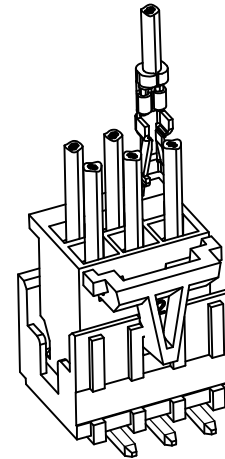
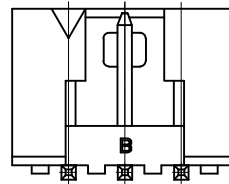
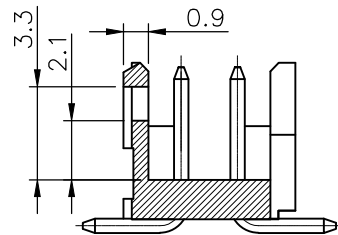
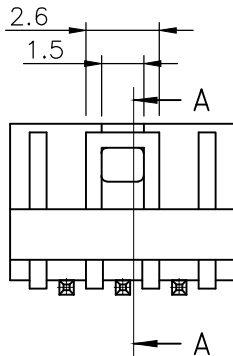




FCIconnect.com

Copyright FCI

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 |             |  |                                                                                       | scale 1:1                                                                                               |                          | title<br>SHR HEADER<br>2.00 VERTICAL SMT |            |                   |  |
| A                        | F08-0113 | LMU   | 08.01.17 | angles                                | linear      |                                                                                       |                                                                                       |                                                                                                         |                          | X.X ±0.3                                 | X.XX ±0.13 | X.XXX ±0.05       |  |
|                          |          |       |          |                                       |             |                                                                                       |                                                                                       |                                                                                                         |                          |                                          |            |                   |  |
|                          |          |       |          |                                       |             |                                                                                       |                                                                                       |                                                                                                         |                          | dwg no                                   |            | sheet 2 of - size |  |
|                          |          |       |          | dr                                    | L.MULIN     | 07.11.06                                                                              |  |                                                                                                         | 98424                    |                                          | A3         |                   |  |
|                          |          |       |          | enrg                                  | J.COMPAGNON | 07.11.06                                                                              |                                                                                       |                                                                                                         | type<br>CUSTOMER Drawing |                                          |            |                   |  |
|                          |          |       |          | chr                                   |             |                                                                                       |                                                                                       |                                                                                                         |                          |                                          |            |                   |  |
|                          |          |       |          | appd                                  | JM.C        | 07.11.06                                                                              |                                                                                       |                                                                                                         |                          |                                          |            |                   |  |
| sheet index              | revision | sheet |          |                                       |             |                                                                                       |                                                                                       |                                                                                                         |                          |                                          |            |                   |  |