

PRODUCT NUMBER  
10087119-YXXLF

LATCHING

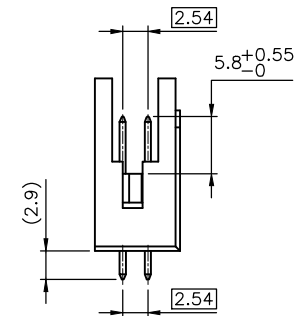
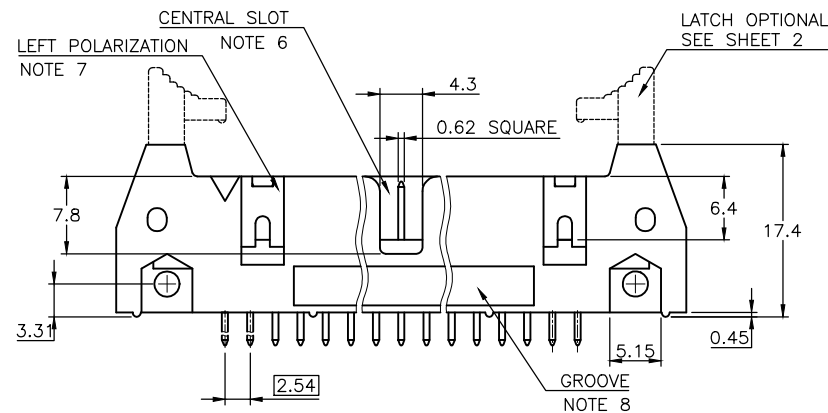
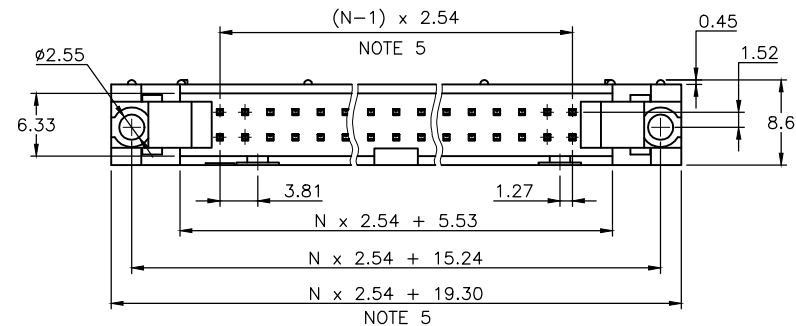
0= WITHOUT LATCH  
1= STANDARD LATCH  
2= LOW PROFILE LATCH

RoHS COMPATIBLE, SEE NOTE 9

PIN STYLE SEE SHEET 2

NOTES:

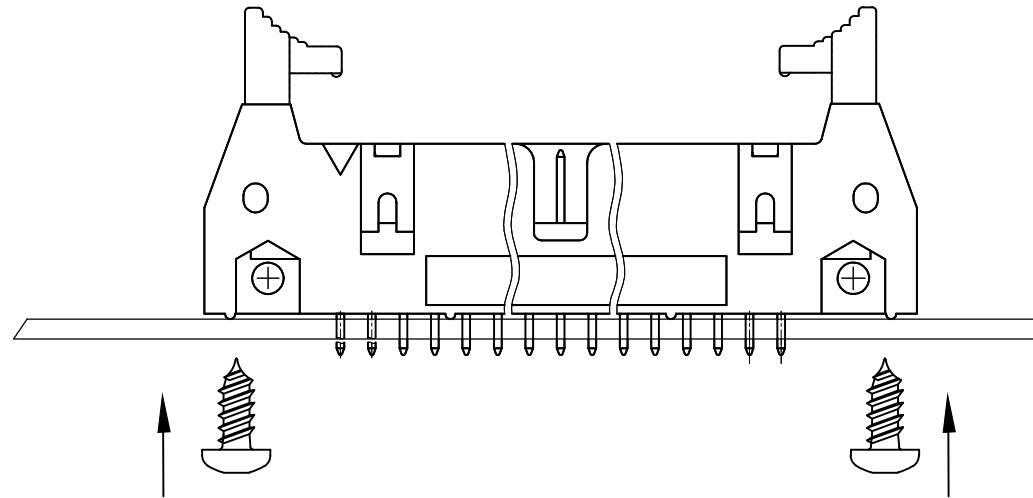
- 1 - HOUSING MAT'L : GLASS FILLED THERMOPLASTIC. UL94V-0 COLOR: GREY
- 2 - PIN MATERIAL : BRASS
- 3 - PRODUCT PACKAGED IN TUBES
- 4 - 40N MIN LATCH RETENTION FORCE AT FIRST EXTRACTION
- 5 - TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- 6 - NO CENTRAL SLOT ON POSITIONS 6 & 8
- 7 - NO LEFT POLARIZATION ON POSITIONS 06, 08, 10, 14.
- 8 - NO GROOVE ON POSITIONS 06, 08, 10, 14, 30, 34
- 9 - 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.
  - c - LABELING:
    - MEETS PACKAGING SPECS AS PER GS-14-920
  - d - LEGAL STATEMENT: SEE GS-47-0004



|             |          |     |          |                                       |             |                  |  |                                                                                                                                                                                                                     |                |  |                  |      |
|-------------|----------|-----|----------|---------------------------------------|-------------|------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--|------------------|------|
| mat'l. code |          |     |          | surface                               |             | tolerance        |  | projection<br><br><br>mm<br><br>scale 2:1 | product family |  |                  |      |
|             |          |     |          | ISO 1302 ✓                            |             | ISO 406 ISO 1101 |  |                                                                                                                                                                                                                     | QUICKIE        |  |                  |      |
| ltr         | ecn no   | dr  | date     | tolerances unless otherwise specified |             |                  |  |                                                                                                                                                                                                                     | title          |  |                  |      |
| A           | F08-0149 | LMU | 08.03.27 | angles                                | linear      | .X ±0.3          |  |                                                                                                                                                                                                                     | QKIE HEADER    |  |                  |      |
| B           | B-20412  | BVE | 15.03.10 |                                       |             | .XX ±0.13        |  |                                                                                                                                                                                                                     | STR 0.05µm Au  |  |                  |      |
|             |          |     |          |                                       |             | .XXX ±0.05       |  |                                                                                                                                                                                                                     |                |  |                  |      |
|             |          |     |          | dr                                    | J.COMPAGNON | 08.03.07         |  | FCI<br>                                                                                                                        | dwg no         |  | sheet 1 of -     | size |
|             |          |     |          | enr                                   | L.MULIN     | 08.03.07         |  |                                                                                                                                                                                                                     | 10087119       |  | A3               |      |
|             |          |     |          | chr                                   |             |                  |  |                                                                                                                                                                                                                     |                |  |                  |      |
|             |          |     |          | appd                                  | L.MULIN     | 08.03.07         |  |                                                                                                                                                                                                                     | type           |  | CUSTOMER Drawing |      |
|             |          |     |          |                                       |             |                  |  |                                                                                                                                                                                                                     |                |  |                  |      |
| sheet index | revision | B   | A        |                                       |             |                  |  |                                                                                                                                                                                                                     |                |  |                  |      |
|             | sheet    | 1   | 2        |                                       |             |                  |  |                                                                                                                                                                                                                     |                |  |                  |      |

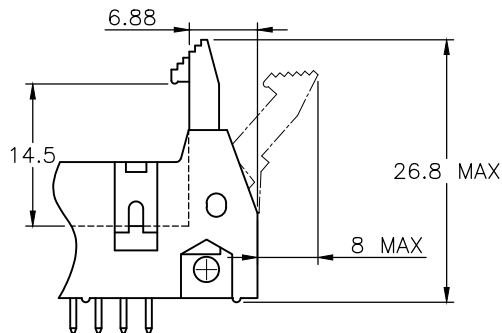
| PIN STYLE | SIZE |
|-----------|------|
| 06        | 2x3  |
| 08        | 2x4  |
| 10        | 2x5  |
| 14        | 2x7  |
| 16        | 2x8  |
| 18        | 2x9  |
| 20        | 2x10 |
| 26        | 2x13 |
| 30        | 2x15 |
| 34        | 2x17 |
| 40        | 2x20 |
| 44        | 2x22 |
| 50        | 2x25 |
| 60        | 2x30 |
| 64        | 2x32 |

PLATING :  
0.05 $\mu$ m Au FULL PLATED  
OVER 1.27 $\mu$ m Ni MIN

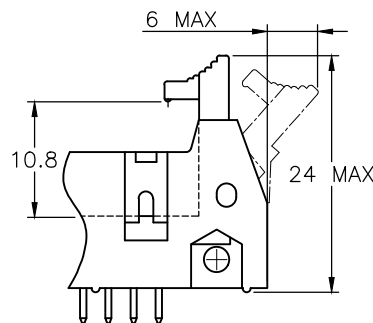


WHEN THE CONNECTORS NEED TO BE FIXED ON THE PCB'S  
THE STAINLESS SCREWS REF TC POZI DIN7981 Ø2.9 X 6.5MM  
TO BE USED

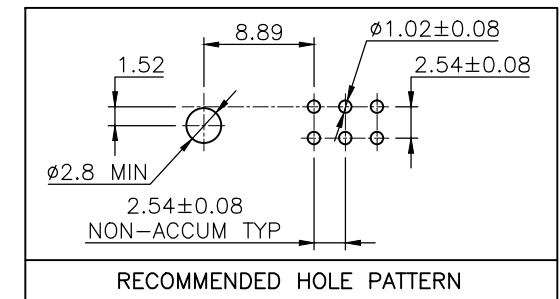
### LATCHING FEATURES :



1= STANDARD LATCH



2= LOW PROFILE LATCH



RECOMMENDED HOLE PATTERN

|             |                |                  |            |                                       |
|-------------|----------------|------------------|------------|---------------------------------------|
| mat'l. code | surface        | tolerance        | projection | product family                        |
|             | ISO 1302       | ISO 406 ISO 1101 |            | QUICKIE                               |
| ltr         | ecn no         | dr               | date       | tolerances unless otherwise specified |
| A           | B-20412        | BVE              | 15.03.10   | angles                                |
|             |                |                  |            | linear                                |
|             |                |                  |            | .X ±0.3                               |
|             |                |                  |            | .XX ±0.13                             |
|             |                |                  |            | .XXX ±0.05                            |
|             |                |                  |            | dr                                    |
|             |                |                  |            | B.VERNIER 15.03.10                    |
|             |                |                  |            | enr J.COMPAGNON 15.03.10              |
|             |                |                  |            | chr L.MULIN 15.03.10                  |
|             |                |                  |            | appd L.MULIN 15.03.10                 |
| sheet index | revision sheet |                  |            |                                       |

|                     |       |          |            |      |
|---------------------|-------|----------|------------|------|
| title               | scale | dwg no   | sheet 2 of | size |
| QKIE HEADER         | 2:1   | 10087119 |            | A3   |
| STR 0.05 $\mu$ m Au |       |          |            |      |
| type                |       |          |            |      |
| CUSTOMER Drawing    |       |          |            |      |

# Mouser Electronics

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| <a href="#"><u>10087119-030LF</u></a> | <a href="#"><u>10087119-034LF</u></a> | <a href="#"><u>10087119-040LF</u></a> | <a href="#"><u>10087119-044LF</u></a> | <a href="#"><u>10087119-050LF</u></a> | <a href="#"><u>10087119-060LF</u></a> |
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| <a href="#"><u>10087119-244LF</u></a> | <a href="#"><u>10087119-260LF</u></a> | <a href="#"><u>10087119-264LF</u></a> |                                       |                                       |                                       |