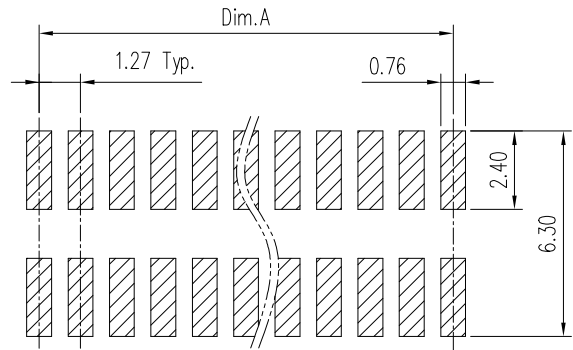
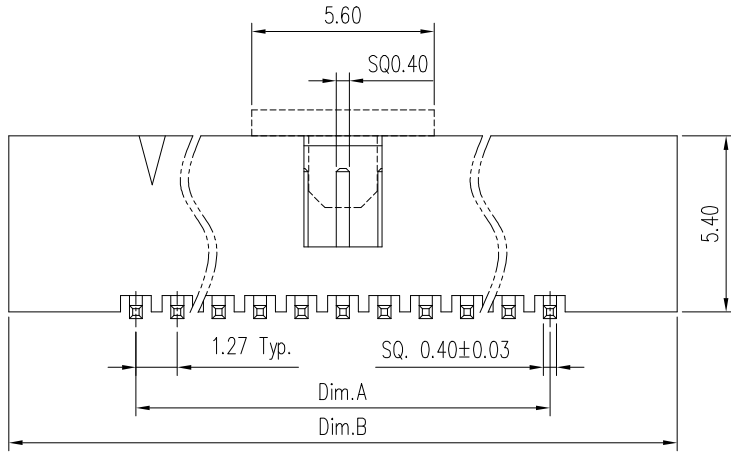
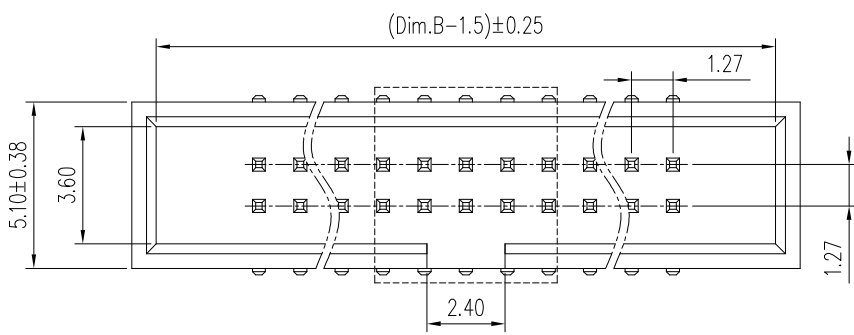


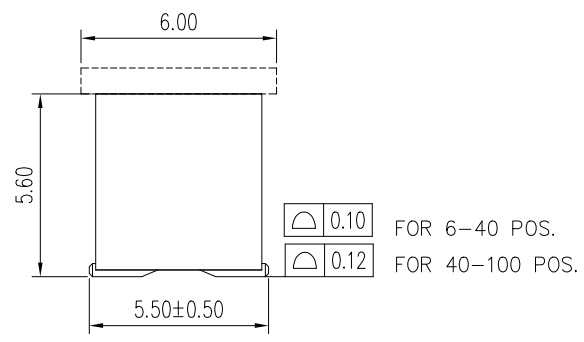


Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

TABLE 1 ,DIM INFORMATION

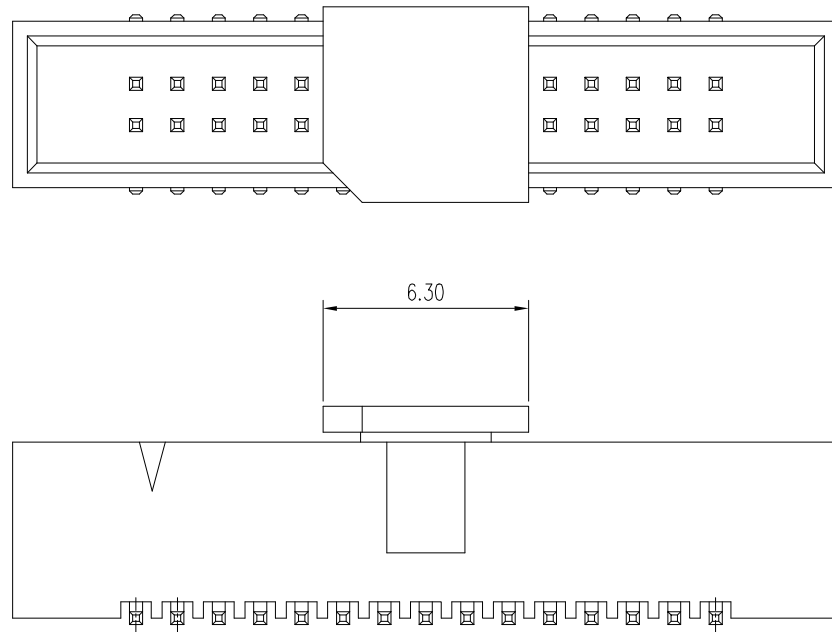
| DASH No.      | Dim. | Amount of Pins | Dim.A | Dim.B |
|---------------|------|----------------|-------|-------|
| -00X 06 XX LF | 06   | 2.54           | 10.11 |       |
| -00X 08 XX LF | 08   | 3.81           | 11.38 |       |
| -00X 10 XX LF | 10   | 5.08           | 12.65 |       |
| -00X 12 XX LF | 12   | 6.35           | 13.92 |       |
| -00X 14 XX LF | 14   | 7.62           | 15.19 |       |
| -00X 16 XX LF | 16   | 8.89           | 16.46 |       |
| -00X 20 XX LF | 20   | 11.43          | 19.00 |       |
| -00X 22 XX LF | 22   | 12.70          | 20.27 |       |
| -00X 26 XX LF | 26   | 15.24          | 22.81 |       |

| DASH No.      | Dim. | Amount of Pins | Dim.A | Dim.B |
|---------------|------|----------------|-------|-------|
| -00X 30 XX LF | 30   | 17.78          | 25.35 |       |
| -00X 34 XX LF | 34   | 20.32          | 27.89 |       |
| -00X 40 XX LF | 40   | 24.13          | 31.70 |       |
| -00X 44 XX LF | 44   | 26.67          | 34.24 |       |
| -00X 50 XX LF | 50   | 30.48          | 38.05 |       |
| -00X 60 XX LF | 60   | 36.83          | 44.40 |       |
| -00X 64 XX LF | 64   | 39.37          | 46.94 |       |
| -00X 68 XX LF | 68   | 41.91          | 49.48 |       |
| -00X 80 XX LF | 80   | 49.53          | 57.10 |       |
| -00X A0 XX LF | 100  | 62.23          | 69.90 |       |



|        |             |        |
|--------|-------------|--------|
| DIM. A | 2-60 PINS   | ± 0.20 |
|        | 62-100 PINS | ± 0.30 |

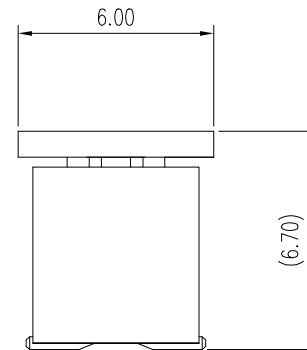
|             |              |      |            |                                       |                            |            |                                     |  |  |  |
|-------------|--------------|------|------------|---------------------------------------|----------------------------|------------|-------------------------------------|--|--|--|
| mat'l. code |              |      |            | surface ISO 1302 ✓                    | tolerance ISO 406 ISO 1101 | projection | product family MINITEK              |  |  |  |
| ltr         | ecn no       | dr   | date       | tolerances unless otherwise specified |                            | mm         | title                               |  |  |  |
| H           | ELX-N-011951 | ZK   | 2012-06-15 | angles                                | .0±.38                     | mm         | 1.27X1.27MM BTB HEADER SHROUDED SMT |  |  |  |
| J           | ELX-N-14099  | TIM  | 2013-02-25 | linear                                | .00±.25                    |            |                                     |  |  |  |
| K           | ELX-N-17601  | TIM  | 2014-04-30 | 0°±2°                                 | .000±.10                   | scale 5:1  | dwg no sheet 1 of 2 size            |  |  |  |
| L           | ELX-N-19182  | TIM  | 2014-10-24 | dr                                    | STERLING LIN               | 2009-09-15 |                                     |  |  |  |
| M           | ELX-N-28314  | TONY | 2017-10-31 | engr                                  | STERLING LIN               | 2009-09-15 | 20021521 A3                         |  |  |  |
|             |              |      |            | chr                                   | GRAY HSIEH                 | 2009-09-15 |                                     |  |  |  |
| G           | ELX-N-011182 | ZK   | 2012-03-31 | appd                                  | JOSEPH                     | 2009-09-15 | type Product Customer Drawing       |  |  |  |
| sheet       | revision     | M    | M          |                                       |                            |            |                                     |  |  |  |
| index       | sheet        | 1    | 2          |                                       |                            |            |                                     |  |  |  |



CONFIG 1: 20021521-001XXXXLF  
WITH EDGE CUT CAP, OTHER DIMENSIONS SEE SHEET 1

**NOTE:**

1. MATERIAL:  
HOUSING: HIGH TEMP PLASTIC, UL94-V0, BLACK  
TERMINAL: COPPER ALLOY, SQ=0.40±0.03MM
  2. FINISH:  
TERMINAL: SEE PN STRUCTURE.
  3. SPEC.:  
PRODUCT SPEC: GS-12-629  
PACKING SPEC: GS-14-1420
  4. THE HSG. WILL WITHSTAND EXPOSURE TO 260C  
PEAK TEMP. FOR 10 SEC. IN A CONVECTION, INFRA-RED  
OR VAPOR PHASE REFLOW OVEN.
  5. PRODUCT NUMBERING:  
20021521 - 0 0 X XX X X LF
- LEAD FREE
- PLATING:  
1: GOLD FLASH, ALL OVER  
4: 0.25um(10U") GOLD AT CONTACT  
8: 0.76um(30U") GOLD AT CONTACT  
9: 1u" GOLD OVER 30u" PdNi AT CONTACT
- PACKING  
T: TUBE  
D: TUBE+CAP  
C: REEL+CAP(P: 12mm)  
E: REEL+CAP(P: 16mm)
- PIN COUNT  
SEE TABLE 1
- CONFIG  
0: NO CAP OR WITH NYLON CAP  
1: WITH LCP CAP



|             |                |    |      |                                       |                               |                    |                               |  |             |      |
|-------------|----------------|----|------|---------------------------------------|-------------------------------|--------------------|-------------------------------|--|-------------|------|
| mat'l. code |                |    |      | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 1101 | projection<br>1101 | product family<br>MINITEK     |  |             |      |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |                               |                    | title                         |  |             |      |
|             |                |    |      | angles                                | linear                        | mm                 | 1.27X1.27MM BTB HEADER        |  |             |      |
|             |                |    |      | 0°±2'                                 |                               | scale 5:1          | SHROUDED SMT                  |  |             |      |
|             |                |    |      | dr                                    | STERLING LIN                  | 2009-09-15         | dwg no                        |  | sheet2 of 2 | size |
|             |                |    |      | eng                                   | STERLING LIN                  | 2009-09-15         | 20021521                      |  |             | A3   |
|             |                |    |      | chr                                   | GRAY HSIEH                    | 2009-09-15         |                               |  |             |      |
|             |                |    |      | appd                                  | JOSEPH                        | 2009-09-15         |                               |  |             |      |
| sheet index | revision sheet | M  | M    |                                       |                               |                    | type Product Customer Drawing |  |             |      |
|             | 1 2            |    |      |                                       |                               |                    |                               |  |             |      |