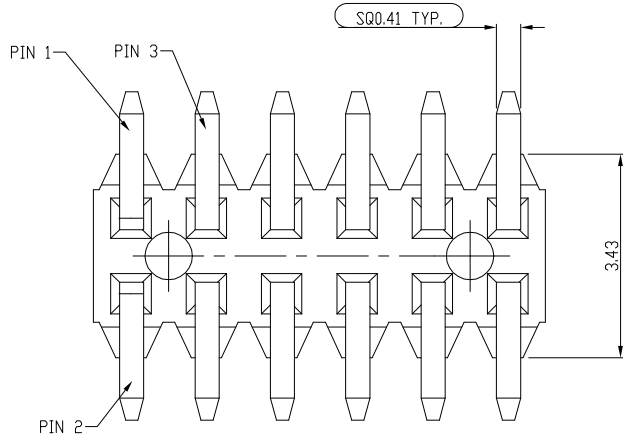
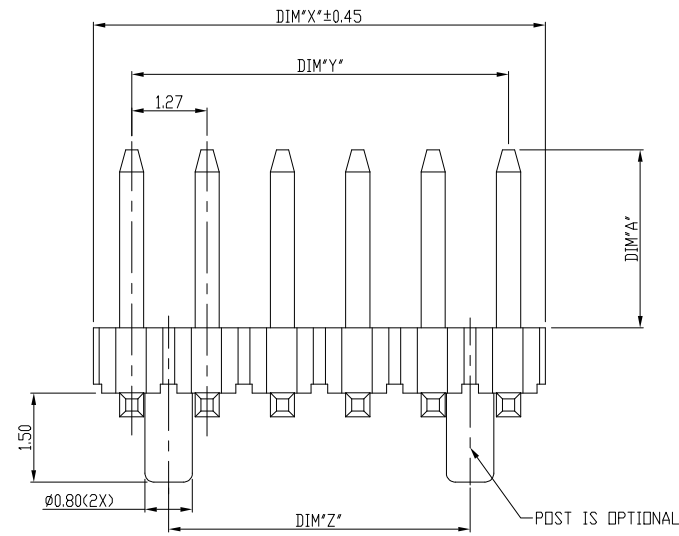
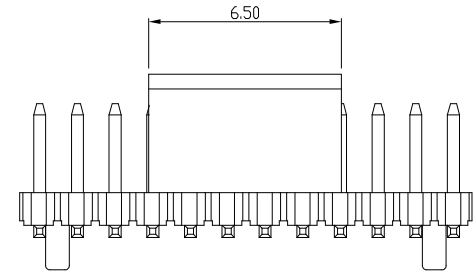
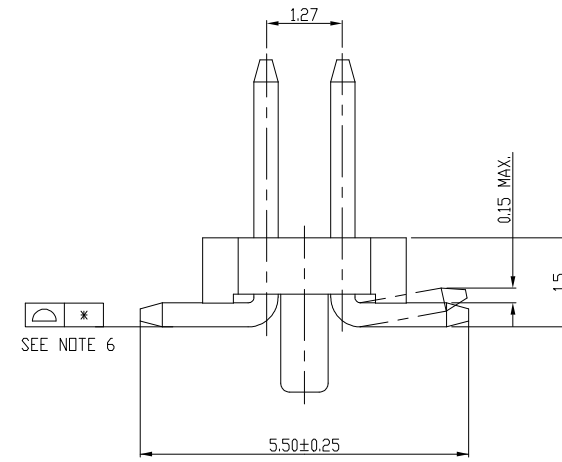


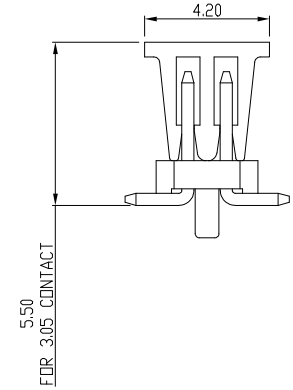
PART NO.  
20021121

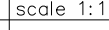


- NOTES:  
1.MATERIAL:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94-V0 BLACK.  
TERMINAL: COPPER ALLOY  
2.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.  
3.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.  
4.PRODUCT SPEC: GS-12-629  
5.PACKAGE SPEC: GS-14-1420  
6.04~38 PDS: 0.1mm  
40~100 PDS: 0.14mm



PRODUCT WITH CAP



|             |             |                |          |                                                                                                                                                                                  |           |        |                                                                                                  |                                                                                       |                            |          |  |              |      |
|-------------|-------------|----------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------|----------|--|--------------|------|
| mat'l. code |             |                |          | surface <input checked="" type="checkbox"/> ISO 1302 <input checked="" type="checkbox"/> tolerance <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101 |           |        | projection  |                                                                                       | product family MINITEK127® |          |  |              |      |
| ltr         | ecn no      | dr             | date     | tolerances unless otherwise specified                                                                                                                                            |           |        | mm          |                                                                                       | title                      |          |  |              |      |
| L           | ELX-N-23548 | TIM            | 03/21/16 | angles                                                                                                                                                                           |           | linear | .0±.30                                                                                           |                                                                                       | UNSHROUDED HDR VT SMT      |          |  |              |      |
| M           | ELX-N-23949 | TIM            | 04/26/16 |                                                                                                                                                                                  |           |        | .00±.20                                                                                          |                                                                                       |                            |          |  |              |      |
| N           | ELX-N-28817 | TONY           | 12/18/17 | 0°±2°                                                                                                                                                                            |           |        | .000±.10                                                                                         |                                                                                       | scale 1:1                  |          |  |              |      |
|             |             |                |          | dr                                                                                                                                                                               | ZK HU     | 8/1/12 |                                                                                                  |  |                            | dwg no   |  | sheet 1 of 2 | size |
|             |             |                |          | engr                                                                                                                                                                             | ZK HU     | 8/1/12 |                                                                                                  |                                                                                       |                            | 20021121 |  | A3           |      |
|             |             |                |          | chr                                                                                                                                                                              | BIAN RICK | 8/1/12 |                                                                                                  |                                                                                       |                            |          |  |              |      |
|             |             |                |          | appd                                                                                                                                                                             | BIAN RICK | 8/1/12 |                                                                                                  |                                                                                       |                            |          |  |              |      |
| sheet index |             | revision sheet |          | N                                                                                                                                                                                | N         |        |                                                                                                  |                                                                                       |                            |          |  |              |      |
|             |             |                |          | 1                                                                                                                                                                                | 2         |        |                                                                                                  |                                                                                       |                            |          |  |              |      |



A



B



C

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D

| PART NO.           | PDS.   | DIM*X" | DIM*Y" | DIM*Z" |
|--------------------|--------|--------|--------|--------|
| 20021121-X0X04XXLF | 2 X 2  | 2.54   | 1.27   | 0      |
| 20021121-X0X06XXLF | 2 X 3  | 3.81   | 2.54   | 1.27   |
| 20021121-X0X08XXLF | 2 X 4  | 5.08   | 3.81   | 2.54   |
| 20021121-X0X10XXLF | 2 X 5  | 6.35   | 5.08   | 3.81   |
| 20021121-X0X12XXLF | 2 X 6  | 7.62   | 6.35   | 5.08   |
| 20021121-X0X14XXLF | 2 X 7  | 8.89   | 7.62   | 6.35   |
| 20021121-X0X16XXLF | 2 X 8  | 10.16  | 8.89   | 7.62   |
| 20021121-X0X18XXLF | 2 X 9  | 11.43  | 10.16  | 8.89   |
| 20021121-X0X20XXLF | 2 X 10 | 12.70  | 11.43  | 10.16  |
| 20021121-X0X22XXLF | 2 X 11 | 13.97  | 12.70  | 11.43  |
| 20021121-X0X24XXLF | 2 X 12 | 15.24  | 13.97  | 12.70  |
| 20021121-X0X26XXLF | 2 X 13 | 16.51  | 15.24  | 13.97  |
| 20021121-X0X28XXLF | 2 X 14 | 17.78  | 16.51  | 15.24  |
| 20021121-X0X30XXLF | 2 X 15 | 19.05  | 17.78  | 16.51  |
| 20021121-X0X32XXLF | 2 X 16 | 20.32  | 19.05  | 17.78  |
| 20021121-X0X34XXLF | 2 X 17 | 21.59  | 20.32  | 19.05  |
| 20021121-X0X36XXLF | 2 X 18 | 22.86  | 21.59  | 20.32  |
| 20021121-X0X38XXLF | 2 X 19 | 24.13  | 22.86  | 21.59  |
| 20021121-X0X40XXLF | 2 X 20 | 25.40  | 24.13  | 22.86  |
| 20021121-X0X42XXLF | 2 X 21 | 26.67  | 25.40  | 24.13  |
| 20021121-X0X44XXLF | 2 X 22 | 27.94  | 26.67  | 25.40  |
| 20021121-X0X46XXLF | 2 X 23 | 29.21  | 27.94  | 26.67  |
| 20021121-X0X48XXLF | 2 X 24 | 30.48  | 29.21  | 27.94  |
| 20021121-X0X50XXLF | 2 X 25 | 31.75  | 30.48  | 29.21  |
| 20021121-X0X52XXLF | 2 X 26 | 33.02  | 31.75  | 30.48  |
| 20021121-X0X54XXLF | 2 X 27 | 34.29  | 33.02  | 31.75  |
| 20021121-X0X56XXLF | 2 X 28 | 35.56  | 34.29  | 33.02  |
| 20021121-X0X58XXLF | 2 X 29 | 36.83  | 35.56  | 34.29  |
| 20021121-X0X60XXLF | 2 X 30 | 38.10  | 36.83  | 35.56  |
| 20021121-X0X62XXLF | 2 X 31 | 39.37  | 38.10  | 36.83  |
| 20021121-X0X64XXLF | 2 X 32 | 40.64  | 39.37  | 38.10  |
| 20021121-X0X66XXLF | 2 X 33 | 41.91  | 40.64  | 39.37  |
| 20021121-X0X68XXLF | 2 X 34 | 43.18  | 41.91  | 40.64  |
| 20021121-X0X70XXLF | 2 X 35 | 44.45  | 43.18  | 41.91  |
| 20021121-X0X72XXLF | 2 X 36 | 45.72  | 44.45  | 43.18  |
| 20021121-X0X74XXLF | 2 X 37 | 46.99  | 45.72  | 44.45  |
| 20021121-X0X76XXLF | 2 X 38 | 48.26  | 46.99  | 45.72  |
| 20021121-X0X78XXLF | 2 X 39 | 49.53  | 48.26  | 46.99  |
| 20021121-X0X80XXLF | 2 X 40 | 50.80  | 49.53  | 48.26  |
| 20021121-X0X82XXLF | 2 X 41 | 52.07  | 50.80  | 49.53  |
| 20021121-X0X84XXLF | 2 X 42 | 53.34  | 52.07  | 50.80  |
| 20021121-X0X86XXLF | 2 X 43 | 54.61  | 53.34  | 52.07  |
| 20021121-X0X88XXLF | 2 X 44 | 55.88  | 54.61  | 53.34  |
| 20021121-X0X90XXLF | 2 X 45 | 57.15  | 55.88  | 54.61  |

20021121-X X X XX X X LF

LEAD FREE

PLATING ON CONTACT AREA

1: GOLD FLASH AT CONTACT, 1.27um MIN. MATTE TIN AT TAIL

2: GOLD FLASH AT CONTACT, GOLD FLASH AT TAIL

4: 0.25um Au MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL

5: 0.25um Au MIN. AT CONTACT, GOLD FLASH AT TAIL

6: 0.38um GXT MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL

7: 0.38um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL

8: 0.76um GXT MIN. AT CONTACT, 1.27um MIN.MATTE TIN AT TAIL

9: 0.76um GXT MIN. AT CONTACT, GOLD FLASH AT TAIL

PACKING STYLE

T: TUBE

D: TUBE + CAP

C: TAPE &amp; REEL + CAP

PIN NO. SEE TABLE

MATING LENGTH(DIM\*Y")

0: 3.05MM

RESERVE CODE

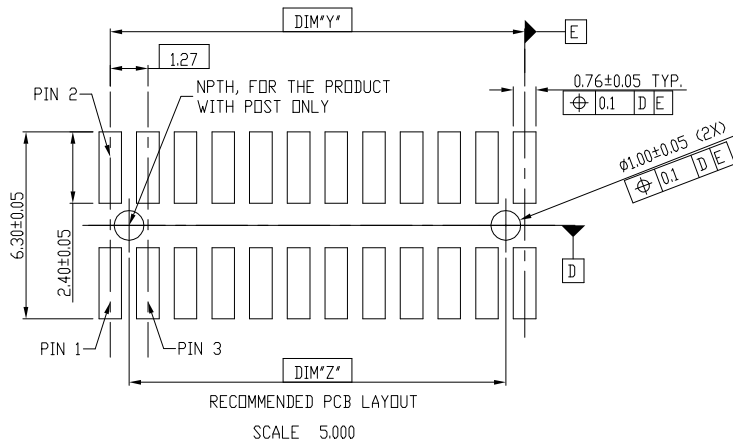
0: STANDARD

POST OPTION

0: WITHOUT POST

1: WITH POST

| PART NO.           | PDS.   | DIM*X" | DIM*Y" | DIM*Z" |
|--------------------|--------|--------|--------|--------|
| 20021121-X0X92XXLF | 2 X 46 | 58.42  | 57.15  | 55.88  |
| 20021121-X0X94XXLF | 2 X 47 | 59.69  | 58.42  | 57.15  |
| 20021121-X0X96XXLF | 2 X 48 | 60.96  | 59.69  | 58.42  |
| 20021121-X0X98XXLF | 2 X 49 | 62.23  | 60.96  | 59.69  |
| 20021121-X0XA0XXLF | 2 X 50 | 63.50  | 62.23  | 60.96  |



|             |          |    |      |            |                  |            |                       |  |                          |      |
|-------------|----------|----|------|------------|------------------|------------|-----------------------|--|--------------------------|------|
| mat'l. code |          |    |      | surface    | tolerance        | projection | product family        |  |                          |      |
|             |          |    |      | ISO 1302 ✓ | ISO 406 ISO 1101 |            | MINITEK127®           |  |                          |      |
| ltr         | ecn no   | dr | date | tolerances | unless otherwise | specified  | title                 |  |                          |      |
| N           |          |    |      | angles     | .0±.30           | mm         | UNSHROUDED HDR VT SMT |  |                          |      |
|             |          |    |      | linear     | .00±.20          |            |                       |  |                          |      |
|             |          |    |      | 0°±2°      | .000±.10         | scale 1:1  |                       |  |                          |      |
|             |          |    |      | dr         | ZK HU            | 8/1/12     | dwg no                |  | sheet2 of 2              | size |
|             |          |    |      | engr       | ZK HU            | 8/1/12     | 20021121              |  | A3                       |      |
|             |          |    |      | chr        | BIAN RICK        | 8/1/12     |                       |  |                          |      |
|             |          |    |      | appd       | BIAN RICK        | 8/1/12     |                       |  |                          |      |
| sheet       | revision | N  | N    |            |                  |            | type                  |  | Product Customer Drawing |      |
| index       | sheet    | 1  | 2    |            |                  |            |                       |  |                          |      |