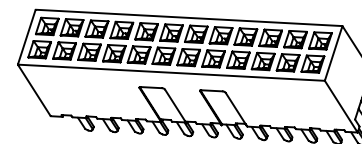
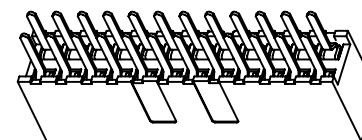
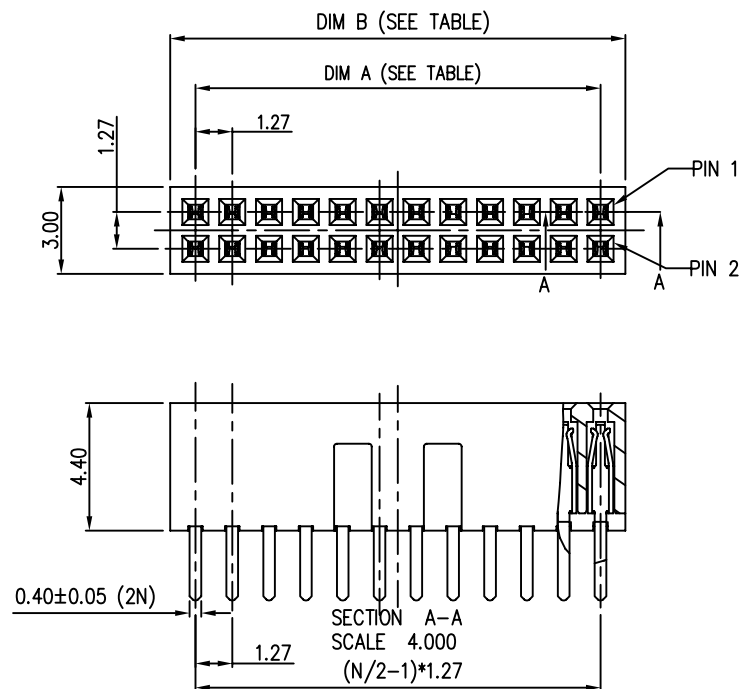
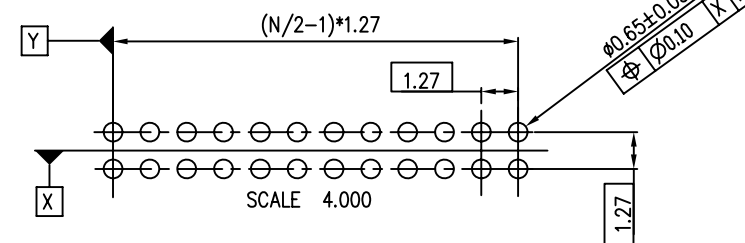
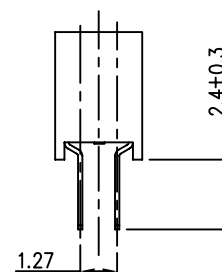


PART NO.

20021311



SCALE 3.000

RECOMMENDED PCB LAYOUT  
LAYOUT TOLERANCE= ±0.05mm

|             |  |  |  |                                       |            |            |                          |  |  |  |
|-------------|--|--|--|---------------------------------------|------------|------------|--------------------------|--|--|--|
| mat'l. code |  |  |  | surface                               | tolerance  | projection | product family           |  |  |  |
| ltr         |  |  |  | ISO 1302                              | ISO 406    | ISO 1101   | MINITEK127®              |  |  |  |
| E           |  |  |  | tolerances unless otherwise specified |            |            | title                    |  |  |  |
| ELX-N-23548 |  |  |  | angles                                | linear     | mm         | RECEPTACLE VT TH         |  |  |  |
|             |  |  |  | 0°±2'                                 |            | scale 1:1  |                          |  |  |  |
|             |  |  |  | dr                                    | ANDY ZHANG | 10/29/12   | dwg no                   |  |  |  |
|             |  |  |  | eng                                   | ANDY ZHANG | 10/29/12   | 20021311                 |  |  |  |
|             |  |  |  | chr                                   | BIAN RICK  | 10/29/12   | sheet 1 of 3             |  |  |  |
|             |  |  |  | app                                   | BIAN RICK  | 10/29/12   | size                     |  |  |  |
| sheet       |  |  |  | revision                              | E          | E          | type                     |  |  |  |
| index       |  |  |  | sheet                                 | 1          | 2          | Product Customer Drawing |  |  |  |

TABLE 1

| PRODUCT NO.        | POSITIONS | DIM. A | DIM. B |
|--------------------|-----------|--------|--------|
| 20021311-XXX06XXLF | 2 X 3     | 2.54   | 4.27   |
| 20021311-XXX08XXLF | 2 X 4     | 3.81   | 5.54   |
| 20021311-XXX10XXLF | 2 X 5     | 5.08   | 6.81   |
| 20021311-XXX12XXLF | 2 X 6     | 6.35   | 8.08   |
| 20021311-XXX14XXLF | 2 X 7     | 7.62   | 9.35   |
| 20021311-XXX16XXLF | 2 X 8     | 8.89   | 10.62  |
| 20021311-XXX18XXLF | 2 X 9     | 10.16  | 11.89  |
| 20021311-XXX20XXLF | 2 X 10    | 11.43  | 13.16  |
| 20021311-XXX22XXLF | 2 X 11    | 12.7   | 14.43  |
| 20021311-XXX24XXLF | 2 X 12    | 13.97  | 15.7   |
| 20021311-XXX26XXLF | 2 X 13    | 15.24  | 16.97  |
| 20021311-XXX28XXLF | 2 X 14    | 16.51  | 18.24  |
| 20021311-XXX30XXLF | 2 X 15    | 17.78  | 19.51  |
| 20021311-XXX32XXLF | 2 X 16    | 19.05  | 20.78  |
| 20021311-XXX34XXLF | 2 X 17    | 20.32  | 22.05  |
| 20021311-XXX36XXLF | 2 X 18    | 21.59  | 23.32  |
| 20021311-XXX38XXLF | 2 X 19    | 22.86  | 24.59  |
| 20021311-XXX40XXLF | 2 X 20    | 24.13  | 25.86  |
| 20021311-XXX42XXLF | 2 X 21    | 25.4   | 27.13  |
| 20021311-XXX44XXLF | 2 X 22    | 26.67  | 28.4   |
| 20021311-XXX46XXLF | 2 X 23    | 27.94  | 29.67  |
| 20021311-XXX48XXLF | 2 X 24    | 29.21  | 30.94  |
| 20021311-XXX50XXLF | 2 X 25    | 30.48  | 32.21  |
| 20021311-XXX52XXLF | 2 X 26    | 31.75  | 33.48  |
| 20021311-XXX54XXLF | 2 X 27    | 33.02  | 34.75  |
| 20021311-XXX56XXLF | 2 X 28    | 34.29  | 36.02  |
| 20021311-XXX58XXLF | 2 X 29    | 35.56  | 37.29  |
| 20021311-XXX60XXLF | 2 X 30    | 36.83  | 38.56  |
| 20021311-XXX62XXLF | 2 X 31    | 38.1   | 39.83  |
| 20021311-XXX64XXLF | 2 X 32    | 39.37  | 41.1   |
| 20021311-XXX66XXLF | 2 X 33    | 40.64  | 42.37  |
| 20021311-XXX66XXLF | 2 X 34    | 41.91  | 43.64  |

| PRODUCT NO.        | POSITIONS | DIM. A | DIM. B |
|--------------------|-----------|--------|--------|
| 20021311-XXX70XXLF | 2 X 35    | 43.18  | 44.91  |
| 20021311-XXX72XXLF | 2 X 36    | 44.45  | 46.18  |
| 20021311-XXX74XXLF | 2 X 37    | 45.72  | 47.45  |
| 20021311-XXX76XXLF | 2 X 38    | 46.99  | 48.72  |
| 20021311-XXX78XXLF | 2 X 39    | 48.26  | 49.99  |
| 20021311-XXX80XXLF | 2 X 40    | 49.53  | 51.26  |
| 20021311-XXX82XXLF | 2 X 41    | 50.8   | 52.53  |
| 20021311-XXX84XXLF | 2 X 42    | 52.07  | 53.8   |
| 20021311-XXX86XXLF | 2 X 43    | 53.34  | 55.07  |
| 20021311-XXX88XXLF | 2 X 44    | 54.61  | 56.34  |
| 20021311-XXX90XXLF | 2 X 45    | 55.88  | 57.61  |
| 20021311-XXX92XXLF | 2 X 46    | 57.15  | 58.88  |
| 20021311-XXX94XXLF | 2 X 47    | 58.42  | 60.15  |
| 20021311-XXX96XXLF | 2 X 48    | 59.69  | 61.42  |
| 20021311-XXX98XXLF | 2 X 49    | 60.96  | 62.69  |
| 20021311-XXXA0XXLF | 2 X 50    | 62.23  | 63.96  |

|             |                |    |      |                       |                                                                        |                          |                               |              |                  |
|-------------|----------------|----|------|-----------------------|------------------------------------------------------------------------|--------------------------|-------------------------------|--------------|------------------|
| mat'l. code |                |    |      | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406 ISO 1101<br>tolerances unless otherwise specified | projection<br>1101<br>mm | product family<br>MINITEK127® |              |                  |
| ltr         | ecn no         | dr | date | angles                | linear                                                                 | mm                       | title<br>RECEPTACLE VT TH     |              |                  |
| E           |                |    |      | 0°±2°                 | .0±.30<br>.00±.20<br>.000±.10                                          | scale 1:1                |                               |              |                  |
|             |                |    |      | dr                    | ANDY ZHANG                                                             | 10/29/12                 | dwg no                        | sheet 2 of 3 | size             |
|             |                |    |      | eng                   | ANDY ZHANG                                                             | 10/29/12                 | 20021311                      |              | A3               |
|             |                |    |      | chr                   | BIAN RICK                                                              | 10/29/12                 |                               |              |                  |
|             |                |    |      | app                   | BIAN RICK                                                              | 10/29/12                 |                               |              |                  |
| sheet index | revision sheet |    |      |                       |                                                                        |                          | type                          | Product      | Customer Drawing |

# NOTES:

## 1. MATERIAL:

HOUSING: HIGH TEMPERATURE PLASTIC; UL94-V0; BLACK.

TERMINAL: PHOSPHOR BRONZE.

## 2. FINISH:

TERMINAL: GOLD OR GXT PLATING AT CONTACT AREA (SEE TABLE);

2.54um/100u" MIN MATTE TIN OR GOLD FLASH AT SOLDER TAIL AREA;

1.27um/50u" MIN Ni OVER ALL AS UNDERPLATIN

## 3. PRODUCT SPEC PER GS-12-629;

## 4. PACKAGE SPEC PER GS-14-1420;

## 5. RECOMMENDED PCB THICKNESS IS 1.6MM.

## 6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260~C PEAK

TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED

OR VAPOR PHASE REFLOW OVEN.

## 7. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY

REGULATIONS AS DESCRIBED IN GS-22-008.

## 8. PART NUMBER DESCRIPTION:

20021311 - X X X XX X X LF

LEAD FREE

PLATING(SEE TABLE 2)

1: GOLD FLASH AT CONTACT, 2.54um MIN. MATTE TIN AT TAIL

2: GOLD FLASH AT CONTACT, GOLD FLASH AT TAIL

4: 0.25um Au MIN. AT CONTACT, 2.54um MIN.MATTE TIN AT TAIL

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

6: 0.38um GXT MIN. AT CONTACT, 2.54um MIN.MATTE TIN AT TAIL

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

8: 0.76um GXT MIN. AT CONTACT, 2.54um MIN.MATTE TIN AT TAIL

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

PACKAGE:

T: TUBE

PIN COUNT: (SEE TABLE 1)

06, 08, 10, ..., 98, A0

(6 - 100 EVERY EVEN PIN)

TAIL LENGTH:

0: 2.40MM

RESIN:

0: HIGH TEMPERATURE PLASTIC, BLACK

POST:

0: WITHOUT POST

| mat'l. code |          |    |      | surface  | tolerance  | projection | product family                |             |      |
|-------------|----------|----|------|----------|------------|------------|-------------------------------|-------------|------|
| ltr         | ecn no   | dr | date | ISO 1302 | ISO 406    | ISO 1101   | MINITEK127®                   |             |      |
| E           |          |    |      | angles   | .0±.30     | mm         | RECEPTACLE VT TH              |             |      |
|             |          |    |      | linear   | .00±.20    |            |                               |             |      |
|             |          |    |      | 0°±2'    | .000±.10   | scale 1:1  |                               |             |      |
|             |          |    |      | dr       | ANDY ZHANG | 10/29/12   | dwg no                        | sheet3 of 3 | size |
|             |          |    |      | engr     | ANDY ZHANG | 10/29/12   | 20021311                      |             | A3   |
|             |          |    |      | chr      | BIAN RICK  | 10/29/12   |                               |             |      |
|             |          |    |      | appd     | BIAN RICK  | 10/29/12   |                               |             |      |
| sheet       | revision |    |      |          |            |            | type Product Customer Drawing |             |      |
| index       | sheet    |    |      |          |            |            |                               |             |      |