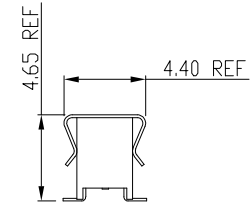
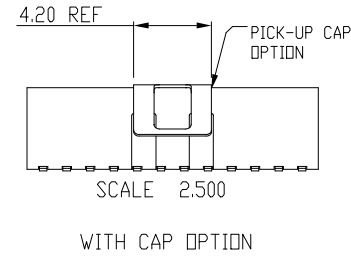
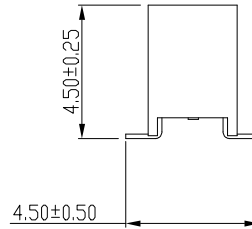
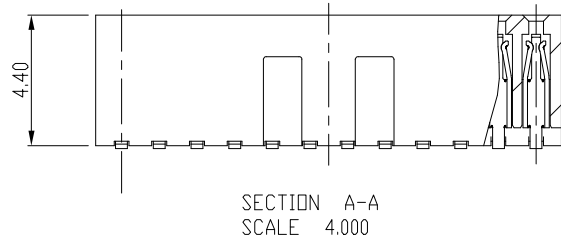
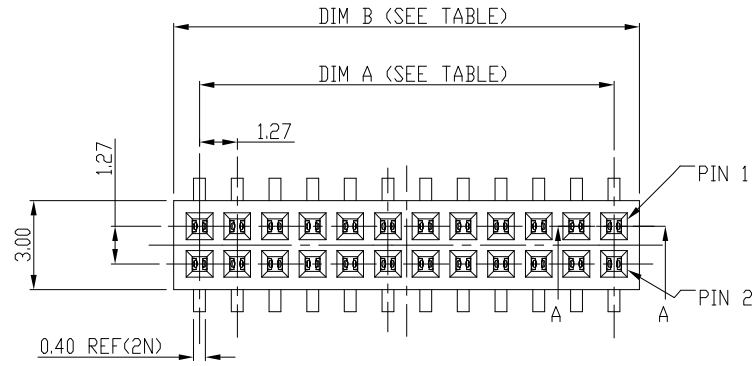
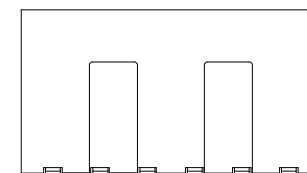
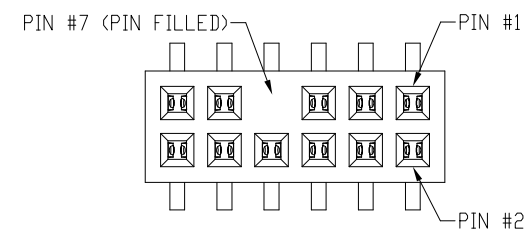


PART NO.  
20021321



|             |                |      |          |                                       |           |                               |                                                                                       |                                                                                                     |          |                               |                          |      |  |
|-------------|----------------|------|----------|---------------------------------------|-----------|-------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------|-------------------------------|--------------------------|------|--|
| mat'l. code |                |      |          | surface<br>ISO 1302 ✓                 |           | tolerance<br>ISO 406 ISO 1101 |                                                                                       | projection<br> |          | product family<br>MINITEK127® |                          |      |  |
| ltr         | ec'n no        | dr   | date     | tolerances unless otherwise specified |           |                               |                                                                                       | title                                                                                               |          |                               |                          |      |  |
| M           | ELX-N-24544    | TONY | 07/21/16 | angles<br>linear                      |           | .0±.30                        |                                                                                       |                |          | RECEPTACLE VT SMT             |                          |      |  |
| N           | ELX-N-26833    | TONY | 03/14/17 |                                       |           | .00±.20                       |                                                                                       |                                                                                                     |          |                               |                          |      |  |
| P           | ELX-N-29534    | TONY | 03/13/18 |                                       |           | 0±2" .000±.10                 |                                                                                       |                                                                                                     |          |                               |                          |      |  |
|             |                |      |          | dr                                    | Tony Leng | 07/19/16                      |  |                                                                                                     | dwg no   |                               | sheet 1 of 4             | size |  |
|             |                |      |          | engr                                  | Tony Leng | 07/19/16                      |                                                                                       |                                                                                                     | 20021321 |                               | A3                       |      |  |
|             |                |      |          | chr                                   | ZK Hu     | 07/19/16                      |                                                                                       |                                                                                                     |          |                               |                          |      |  |
|             |                |      |          | appd                                  | Tim Yao   | 07/19/16                      |                                                                                       |                                                                                                     |          |                               |                          |      |  |
| sheet index | revision sheet | P 1  |          |                                       |           |                               |                                                                                       |                                                                                                     |          | type                          | Product Customer Drawing |      |  |



P/N: 20021321-X0312XXLF

| DASH NO.   | AMOUNT OF PINS | PIN FILLED |
|------------|----------------|------------|
| -X0108XXLF | 7              | PIN #4     |
| -X0214XXLF | 13             | PIN #2     |
| -X0206XXLF | 5              | PIN #2     |
| -X0312XXLF | 11             | PIN #7     |

|             |                |    |      |                                               |           |          |                                                                                                  |  |                            |         |             |         |
|-------------|----------------|----|------|-----------------------------------------------|-----------|----------|--------------------------------------------------------------------------------------------------|--|----------------------------|---------|-------------|---------|
| mat'l. code |                |    |      | surface ISO 1302 ✓ tolerance ISO 406 ISO 1101 |           |          | projection  |  | product family MINITEK127® |         |             |         |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified         |           |          |             |  | title                      |         |             |         |
|             |                |    |      | angles linear .0±.30                          |           |          | mm                                                                                               |  | RECEPTACLE VT SMT          |         |             |         |
|             |                |    |      | .00±.20                                       |           |          |                                                                                                  |  |                            |         |             |         |
|             |                |    |      | 0°±2' .000±.10                                |           |          | scale 1:1                                                                                        |  |                            |         |             |         |
|             |                |    |      | dr                                            | Tony Leng | 07/19/16 |             |  | dwg no                     |         | sheet2 of 4 | size    |
|             |                |    |      | engr                                          | Tony Leng | 07/19/16 |                                                                                                  |  | 20021321                   |         | A3          |         |
|             |                |    |      | chr                                           | ZK Hu     | 07/19/16 |                                                                                                  |  |                            |         |             |         |
|             |                |    |      | appd                                          | Tim Yao   | 07/19/16 |                                                                                                  |  |                            |         |             |         |
| sheet index | revision sheet | P  |      |                                               |           |          |                                                                                                  |  | type                       | Product | Customer    | Drawing |
|             | 2              |    |      |                                               |           |          |                                                                                                  |  |                            |         |             |         |



TABLE 1

| PRODUCT NO.        | POSITIONS | DIM. A | DIM. B |
|--------------------|-----------|--------|--------|
| 20021321-X0X06XXLF | 2 X 3     | 2.54   | 4.27   |
| 20021321-X0X08XXLF | 2 X 4     | 3.81   | 5.54   |
| 20021321-X0X10XXLF | 2 X 5     | 5.08   | 6.81   |
| 20021321-X0X12XXLF | 2 X 6     | 6.35   | 8.08   |
| 20021321-X0X14XXLF | 2 X 7     | 7.62   | 9.35   |
| 20021321-X0X16XXLF | 2 X 8     | 8.89   | 10.62  |
| 20021321-X0X18XXLF | 2 X 9     | 10.16  | 11.89  |
| 20021321-X0X20XXLF | 2 X 10    | 11.43  | 13.16  |
| 20021321-X0X22XXLF | 2 X 11    | 12.7   | 14.43  |
| 20021321-X0X24XXLF | 2 X 12    | 13.97  | 15.7   |
| 20021321-X0X26XXLF | 2 X 13    | 15.24  | 16.97  |
| 20021321-X0X28XXLF | 2 X 14    | 16.51  | 18.24  |
| 20021321-X0X30XXLF | 2 X 15    | 17.78  | 19.51  |
| 20021321-X0X32XXLF | 2 X 16    | 19.05  | 20.78  |
| 20021321-X0X34XXLF | 2 X 17    | 20.32  | 22.05  |
| 20021321-X0X36XXLF | 2 X 18    | 21.59  | 23.32  |
| 20021321-X0X38XXLF | 2 X 19    | 22.86  | 24.59  |
| 20021321-X0X40XXLF | 2 X 20    | 24.13  | 25.86  |
| 20021321-X0X42XXLF | 2 X 21    | 25.4   | 27.13  |
| 20021321-X0X44XXLF | 2 X 22    | 26.67  | 28.4   |
| 20021321-X0X46XXLF | 2 X 23    | 27.94  | 29.67  |
| 20021321-X0X48XXLF | 2 X 24    | 29.21  | 30.94  |
| 20021321-X0X50XXLF | 2 X 25    | 30.48  | 32.21  |
| 20021321-X0X52XXLF | 2 X 26    | 31.75  | 33.48  |
| 20021321-X0X54XXLF | 2 X 27    | 33.02  | 34.75  |
| 20021321-X0X56XXLF | 2 X 28    | 34.29  | 36.02  |
| 20021321-X0X58XXLF | 2 X 29    | 35.56  | 37.29  |
| 20021321-X0X60XXLF | 2 X 30    | 36.83  | 38.56  |
| 20021321-X0X62XXLF | 2 X 31    | 38.1   | 39.83  |
| 20021321-X0X64XXLF | 2 X 32    | 39.37  | 41.1   |
| 20021321-X0X66XXLF | 2 X 33    | 40.64  | 42.37  |
| 20021321-X0X68XXLF | 2 X 34    | 41.91  | 43.64  |

| PRODUCT NO.        | POSITIONS | DIM. A | DIM. B |
|--------------------|-----------|--------|--------|
| 20021321-X0X70XXLF | 2 X 35    | 43.18  | 44.91  |
| 20021321-X0X72XXLF | 2 X 36    | 44.45  | 46.18  |
| 20021321-X0X74XXLF | 2 X 37    | 45.72  | 47.45  |
| 20021321-X0X76XXLF | 2 X 38    | 46.99  | 48.72  |
| 20021321-X0X78XXLF | 2 X 39    | 48.26  | 49.99  |
| 20021321-X0X80XXLF | 2 X 40    | 49.53  | 51.26  |
| 20021321-X0X82XXLF | 2 X 41    | 50.8   | 52.53  |
| 20021321-X0X84XXLF | 2 X 42    | 52.07  | 53.8   |
| 20021321-X0X86XXLF | 2 X 43    | 53.34  | 55.07  |
| 20021321-X0X88XXLF | 2 X 44    | 54.61  | 56.34  |
| 20021321-X0X90XXLF | 2 X 45    | 55.88  | 57.61  |
| 20021321-X0X92XXLF | 2 X 46    | 57.15  | 58.88  |
| 20021321-X0X94XXLF | 2 X 47    | 58.42  | 60.15  |
| 20021321-X0X96XXLF | 2 X 48    | 59.69  | 61.42  |
| 20021321-X0X98XXLF | 2 X 49    | 60.96  | 62.69  |
| 20021321-X0XA0XXLF | 2 X 50    | 62.23  | 63.96  |

## NOTES:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE PLASTIC; UL94-V0; BLACK.  
TERMINAL: PHOSPHOR BRONZE.  
CAP: STAINLESS STEEL.
- FINISH:  
TERMINAL: GOLD OR GXT PLATING AT CONTACT AREA (SEE TABLE);  
GOLD FLASH OR 2.54um/100u" MIN MATTE TIN  
AT SOLDER TAIL AREA;  
1.27um/50u" MIN NI OVER ALL AS UNDERPLATIN.
- PRODUCT SPEC PER GS-12-629.
- PACKAGE SPEC PER GS-14-1420.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK  
TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED  
OR VAPOR PHASE REFLOW OVEN.
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY  
REGULATIONS AS DESCRIBED IN GS-22-008.
- THE METAL CAP IS OPTION AS CUSTOMER REQUIREMENT.

## PART NUMBER DESCRIPTION:

20021321 - X 0 X X X X X LF

## LEAD FREE

PLATING(SEE TABLE 2)

- GOLD FLASH ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 10u" Au ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 10u" Au ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 15u" GXT ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 15u" GXT ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL
- 30u" GXT ON CONTACT AREA; 100u" MATTE TIN ON SOLDER TAIL
- 30u" GXT ON CONTACT AREA; GOLD FLASH ON SOLDER TAIL

## PACKAGE:

- T: TUBE
- D: TUBE + CAP
- C: TAPE & REEL + CAP
- V: DEDICATED FOR CUSTOMER, TAPE&REEL + CAP
- Q: TAPE&REEL WITHOUT CAP

## PIN COUNT: (SEE TABLE 1)

- 06, 08, 10, ..., 98, A0
- (6 - 100 EVERY EVEN PIN)

## SELECTED LOADED

- 0: FULLY LOADED, OTHER SEE SHEET 2 TABLE 3

## POST:

- 0: WITHOUT POST
- 1: WITH POST STYLE 1
- 2: WITH POST STYLE 2
- 3: WITH POST STYLE 3

|             |        |                |      |                                       |                               |                    |                               |  |  |  |
|-------------|--------|----------------|------|---------------------------------------|-------------------------------|--------------------|-------------------------------|--|--|--|
| mat'l. code |        |                |      | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406 ISO 1101 | projection<br>1101 | product family<br>MINITEK127® |  |  |  |
| ltr         | ecn no | dr             | date | tolerances unless otherwise specified | linear                        | mm                 | title<br>RECEPTACLE VT SMT    |  |  |  |
|             |        |                |      | angles                                |                               |                    |                               |  |  |  |
|             |        |                |      | 0°±2'                                 |                               | scale 1:1          |                               |  |  |  |
|             |        |                |      | dr                                    | Tony Leng                     | 07/19/16           | dwg no                        |  |  |  |
|             |        |                |      | engr                                  | Tony Leng                     | 07/19/16           | sheet 4 of 4                  |  |  |  |
|             |        |                |      | chr                                   | ZK Hu                         | 07/19/16           | size                          |  |  |  |
|             |        |                |      | appd                                  | Tim Yao                       | 07/19/16           | A3                            |  |  |  |
| sheet index |        | revision sheet | P    |                                       |                               |                    | type Product Customer Drawing |  |  |  |
|             |        | 4              |      |                                       |                               |                    |                               |  |  |  |