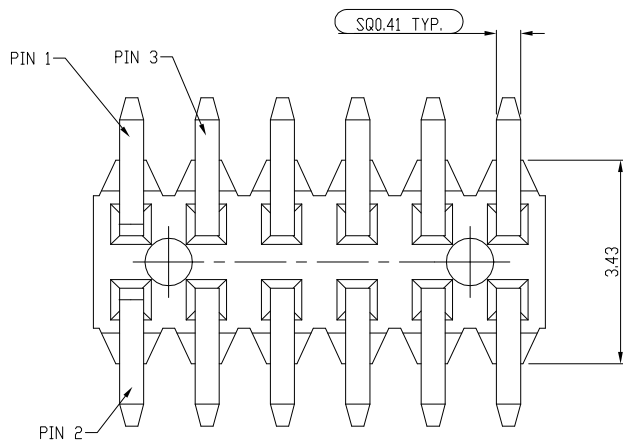
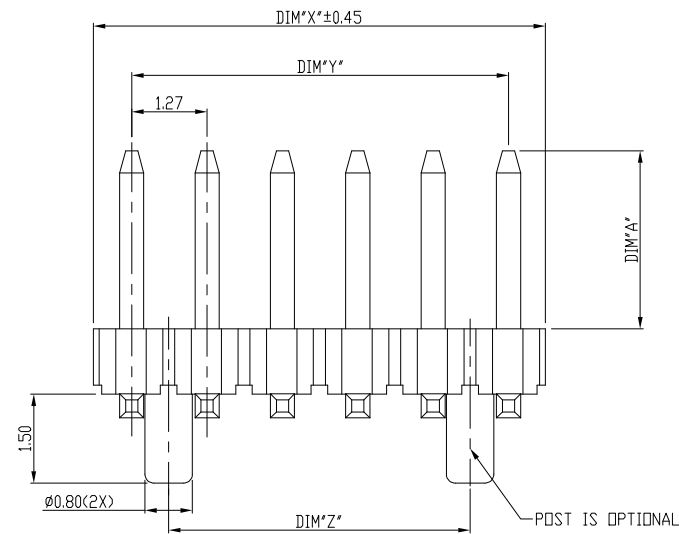
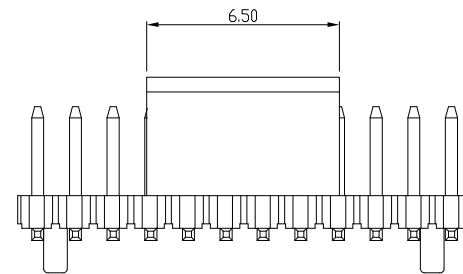
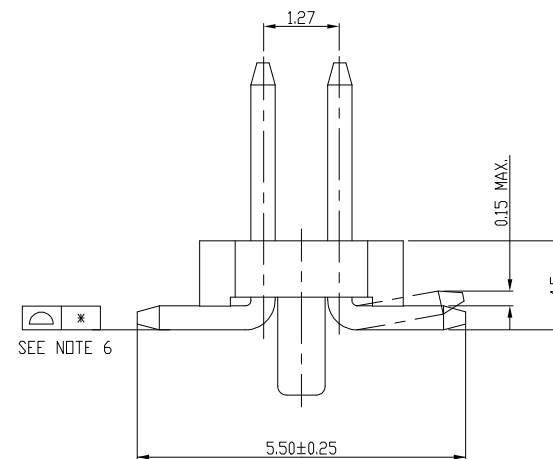


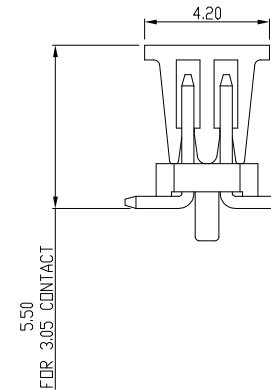
PART NO.  
20021121



- 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                               |           | tolerance        |  | projection                    |  | product family                |  |              |      |
|             |             |          |          | ISO 1302 ✓                            |           | ISO 406 ISO 1101 |  |                               |  | MINITEK127®                   |  |              |      |
| ltr         | ecn no      | dr       | date     | tolerances unless otherwise specified |           |                  |  |                               |  | title                         |  |              |      |
| L           | ELX-N-23548 | TIM      | 03/21/16 | angles                                |           | .0±.30           |  | mm                            |  | UNSHROUDED HDR VT SMT         |  |              |      |
| M           | ELX-N-23949 | TIM      | 04/26/16 | linear                                |           | .00±.20          |  |                               |  |                               |  |              |      |
| N           | ELX-N-28817 | TONY     | 12/18/17 | 0°±2°                                 |           | .000±.10         |  | scale 1:1                     |  |                               |  |              |      |
|             |             |          |          | dr                                    | ZK HU     | 8/1/12           |  | <b>Amphenol</b><br><b>FCI</b> |  | 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 |          | N                                     | N         |                  |  |                               |  | type Product Customer Drawing |  |              |      |
|             |             | sheet    |          | 1                                     | 2         |                  |  |                               |  |                               |  |              |      |



A



B



C



D

© 2016 AFCI

Amphenol  
FCI

| 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

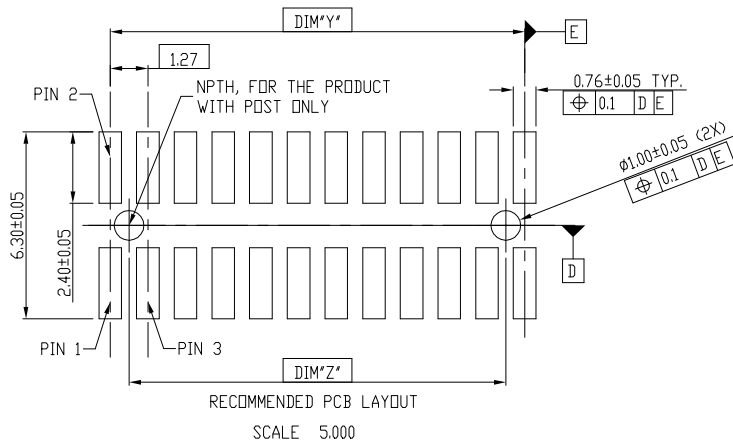
0: STANDARD

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