

1

2

3

4

A

B

C

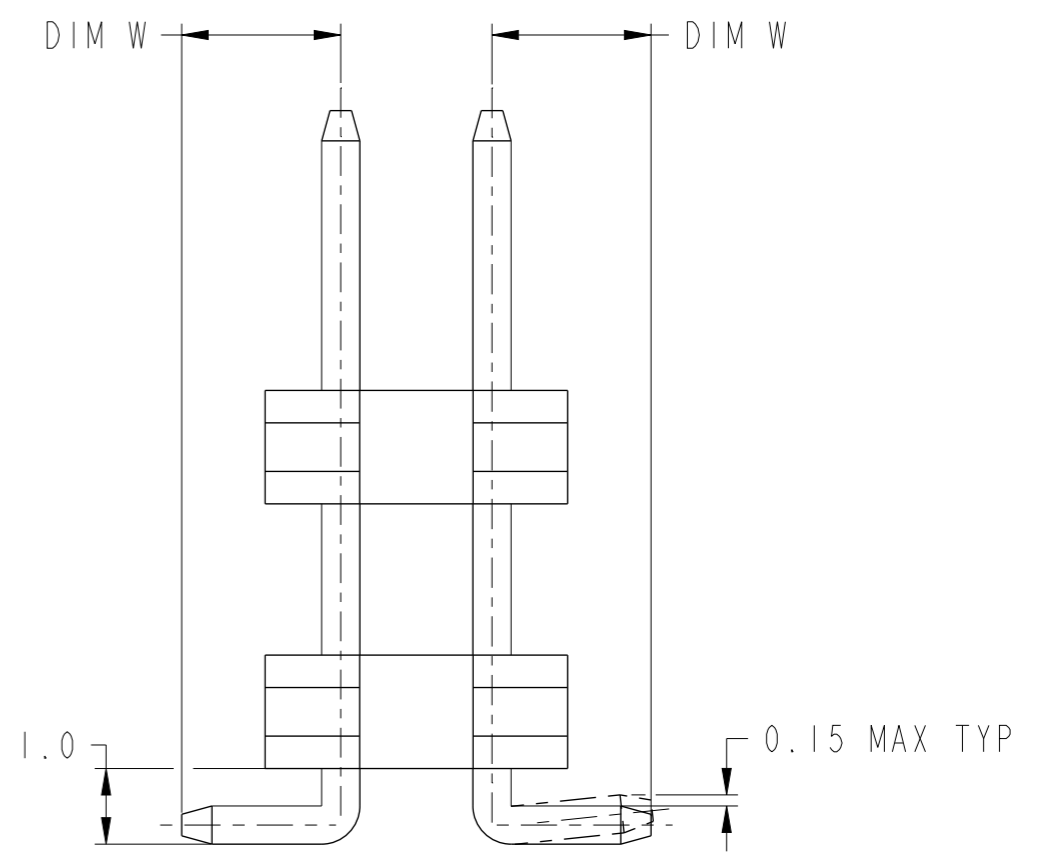
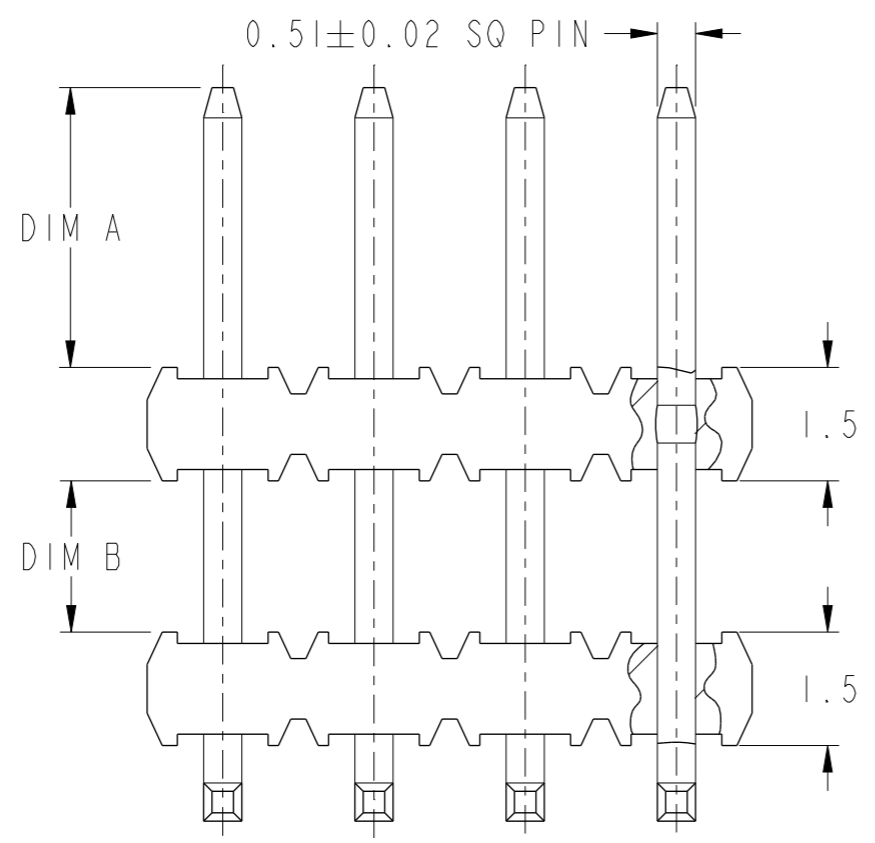
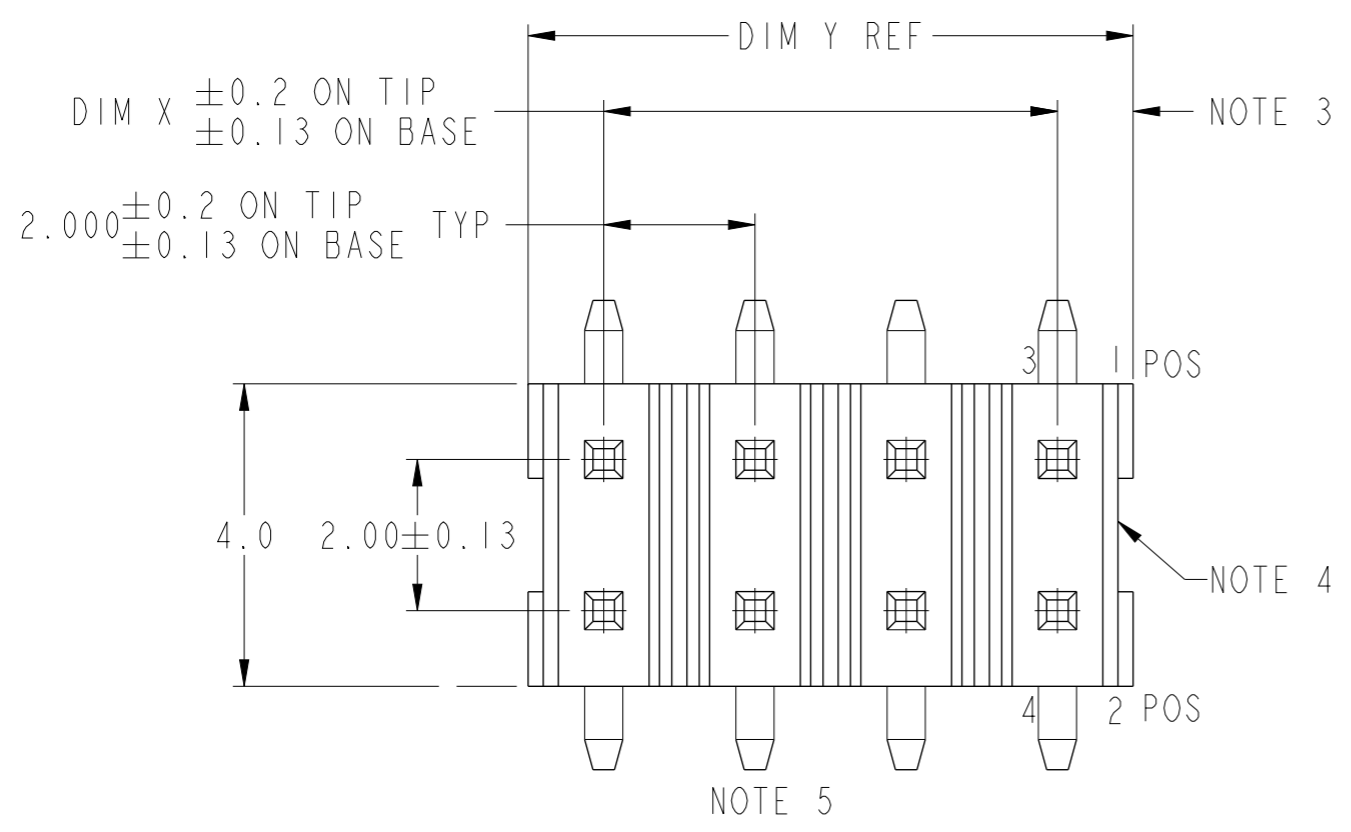
D

A

B

C

D



Amphenol FCI

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|                                       |                     |        |               |              |                |                        |              |               |          |     |   |
|---------------------------------------|---------------------|--------|---------------|--------------|----------------|------------------------|--------------|---------------|----------|-----|---|
| spec ref                              | -                   | dr     | Andrew Yong   | 2010/10/23   | projection     | MM                     | size         | A3            | scale    | 5:1 |   |
| tolerance std                         | ISO 406<br>ISO 1101 | eng    | Yuan-Yuan Bao | 2022/03/08   |                |                        | ecn no       | ELX-N-38731-3 |          |     |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     | chr    | -             | -            |                |                        | rel level    | Released      |          |     |   |
| surface                               | linear              | appr   | Tim Yao       | 2022/03/09   | product family | MINITEK                |              | rel level     | Released |     |   |
| ISO 1302                              | angular             |        |               | cat. no.     | -              | Product - Customer Drw | sheet 1 of 3 |               |          |     |   |
|                                       | 0.X                 | ± -    |               | Amphenol FCI | MINITEK II R/R |                        | dwg no       | 69057         |          | rev | W |
|                                       | 0.XX                | ± 0.25 |               | SMT STR HDR  |                |                        |              |               |          |     |   |
|                                       | 0.XXX               | ± -    |               |              |                |                        |              |               |          |     |   |
|                                       | 0°                  | ± °    |               |              |                |                        |              |               |          |     |   |

1

2

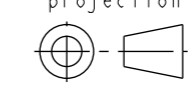
3

4

| 1                 |      | 2     |       |                                     |       |       | 3        |                |       | 4                      |                              |  |
|-------------------|------|-------|-------|-------------------------------------|-------|-------|----------|----------------|-------|------------------------|------------------------------|--|
| PRODUCT NO.       | POS  | DIM X | DIM Y | DIM A                               | DIM B | DIM W | POL. POS | PLATING        | COLOR | TUBE PACK 'G AVAILABLE | TUBE W CAP PACK 'G AVAILABLE |  |
| 69057-001 NOTE 12 | 2X4  | 6     | 8     | 5.5                                 | 2.0   | 2.1   | -        | 0.38µm MIN Au  | BEIGE | YES                    | -                            |  |
| -002 NOTE 13      | 2X14 | 26    | 28    | 2.6                                 | 10.9  | 2.4   | -        | 0.38µm MIN GXT | BLACK | YES                    | -                            |  |
| -003 NOTE 13      | 2X20 | 38    | 40    | 2.6                                 | 10.9  | 2.4   | -        | 0.38µm MIN GXT | BLACK | YES                    | -                            |  |
| -004 NOTE 13      | 2X14 | 26    | 28    | 4.0                                 | 4.0   | 2.4   | -        | 0.38µm MIN GXT | BLACK | YES                    | -                            |  |
| -005 NOTE 13      | 2X25 | 48    | 50    | 4.0                                 | 4.0   | 2.4   | -        | 0.38µm MIN GXT | BLACK | YES                    | -                            |  |
| -006 NOTE 13      | 2X2  | 2     | 4     | 3.7                                 | 2.0   | 2.1   | -        | 0.38µm MIN GXT | BLACK | YES                    | YES                          |  |
| -007 NOTE 13      | 2X4  | 6     | 8     | 3.7                                 | 7.0   | 2.1   | -        | 0.38µm MIN GXT | BLACK | YES                    | YES                          |  |
| -008 NOTE 12      | 2X10 | 18    | 20    | 4.0                                 | 5.5   | 2.0   | -        | 0.38µm MIN GXT | BEIGE | YES                    | YES                          |  |
| -009 NOTE 13      | 2X6  | 10    | 12    | 2.8                                 | 1.0   | 2.0   | -        | 0.38µm MIN GXT | BLACK | YES                    | -                            |  |
| -010 NOTE 13      | 2X2  | 2     | 4     | 4.3                                 | 6.0   | 2.1   | -        | 0.38µm MIN GXT | BLACK | YES                    | YES                          |  |
| -011 NOTE 13      | 2X2  | 2     | 4     | 5.3 <sup>+0.2</sup> <sub>-0.1</sub> | 2.0   | 2.1   | -        | 0.38µm MIN Au  | BLACK | YES                    | YES                          |  |
| -012 NOTE 13      | 2X2  | 2     | 4     | 5.3 <sup>+0.2</sup> <sub>-0.1</sub> | 2.0   | 2.1   | -        | 0.76µm MIN Au  | BLACK | YES                    | YES                          |  |
| -013 NOTE 13      | 2X22 | 42    | 44    | 3.2                                 | 4.1   | 2.0   | -        | 0.76µm MIN Au  | BLACK | YES                    | YES                          |  |
| -014 NOTE 13      | 2X7  | 12    | 14    | 3.7                                 | 2.0   | 2.1   | -        | 0.76µm MIN Au  | BLACK | YES                    | YES                          |  |

Amphenol FCI

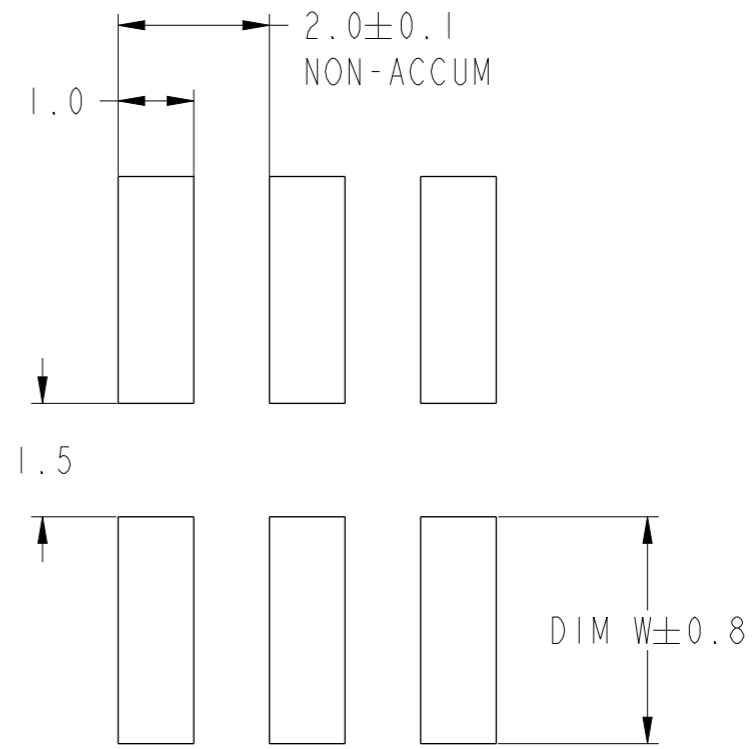
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|          |               |            |   |          |                           |               |                |        |       |
|----------|---------------|------------|---|----------|---------------------------|---------------|----------------|--------|-------|
| dr       | Andrew Yong   | 2010/10/23 | projection<br> | MM<br>←→ | size                      | A3            | scale          | 4:1    |       |
| eng      | Yuan-Yuan Bao | 2022/03/08 |   |          | ecn no                    | ELX-N-38731-3 |                |        |       |
| chr      | -             | -          | product family  | MINITEK  | rel level <b>Released</b> |               |                |        |       |
| appr     | Tim Yao       | 2022/03/09 |   |          | Amphenol FCI              |               | MINITEK II R/R | dwg no | 69057 |
| cat. no. |               | -          | Product - Customer Drw  |          | sheet 2 of 3              |               |                |        |       |

NOTES:

1. MATERIAL:  
BODY : HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 (REFER TO TABLE FOR COLOR)  
PIN : COPPER ALLOY
2. TOLERANCE UNLESS OTHERWISE NOTED  $\pm 0.25$
- ③ DIM  $1.0 \pm 0.15$  FOR MOLDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
- ④ RECESS APPLIES TO MOLDED SIDE(S) ONLY.
- ⑤ POLARISATION BY OMISSION OF PIN. POSITION REFER TO TABLE.
6. STANDARD PACKAGING IN PLASTIC BAG.
7. P/N 69057-XXXTC TO BE PACKED IN TUBE WITH PICK-UP CAP INSTALLED IN THE CENTRE OF THE PRODUCT. SEE FIG. 1. REFER TO TABLE FOR AVAILABILITY.
8. P/N 69057-XXXT TO BE PACKED IN TUBE. REFER TO TABLE FOR AVAILABILITY.
9. P/N 69057-XXXTR TO BE PACKED WITH TAP AND REEL (OPTIONAL: PICK-UP CAP). FCI MUST BE CONTACTED FOR AVAILABILITY IN SIZE REQUESTED.
10. FOR 2X2 POSITION, REFER TO PICK-UP CAP ORIENTATION IN FIG. 2.
11. PRODUCT DESCRIPTION CODE:  
XXXXX-XXXLF  

|  |  |  |  |  |                        |
|--|--|--|--|--|------------------------|
|  |  |  |  |  |                        |
|  |  |  |  |  | LEAD FREE. SEE NOTE 14 |
|  |  |  |  |  | EXTENSION NUMBER       |
|  |  |  |  |  | BASE NUMBER            |
- ⑫ THE HOUSING WILL WITHSTAND EXPOSURE TO 250°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑬ THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
14. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
15. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



RECOMMENDED PAD LAYOUT

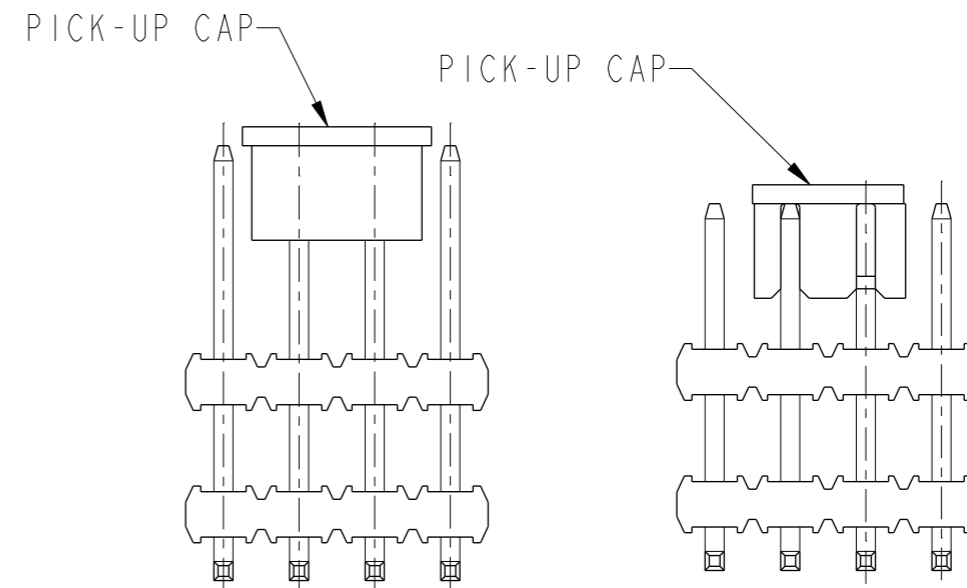


FIG. 1  
FOR 2X3 POS & ABOVE  
SCALE 5:1

FIG. 2  
FOR 2X2 POS  
SCALE 5:1

|      |               |            |            |     |                |               |                        |           |              |
|------|---------------|------------|------------|-----|----------------|---------------|------------------------|-----------|--------------|
| dr   | Andrew Yong   | 2010/10/23 | projection | MM  | size           | A3            | scale                  | 2:1       |              |
| eng  | Yuan-Yuan Bao | 2022/03/08 |            | ← → | ecn no         | ELX-N-38731-3 |                        |           |              |
| chr  | -             | -          |            |     | product family | MINITEK       |                        | rel level | Released     |
| appr | Tim Yao       | 2022/03/09 |            |     | dwg no         | 69057         |                        | rev       | W            |
|      |               |            |            |     | cat. no.       | -             | Product - Customer Drw |           | sheet 3 of 3 |