

Amphenol
FCi

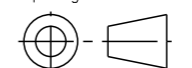
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| | | | | | | | |
|--------------------------------------|--|---------------------------------------|-----------------|--------------------------|------------|------------------------|--------------------|
| spec ref - | | dr wadmin, wcadm | 2010/11/01 | projection | MM | size A3 | scale 10:1 |
| tolerance std ISO 406 ISO 1101 | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | eng Yuan-Yuan Bao | 2020/12/23 | ecn no ELX-N-38731-1 | rel level Released |
| surface \checkmark | | linear | 0.X $\pm -$ | product family MINITEK | | dwg no 92813 | |
| | | | 0.XX ± 0.25 | MINITEK II R/R | | rev BB | |
| | | | 0.XXX $\pm -$ | SMT STR HDR WITH LOCATOR | | cat. no. - | |
| | | angular | 0° $\pm -$ | www.fci.com | | Product - Customer Drw | |
| | | | ISO 1302 | www.fci.com | | sheet 1 of 4 | |

| 1 | 2 | | | 3 | | | 4 | | | | |
|-------------|------|-------|-------|-------|-------|-------|-------|----------|-----------------|--------------------|------------|
| PRODUCT NO. | POS | DIM X | DIM Y | DIM Z | DIM A | DIM B | DIM W | POL. POS | CONTACT PLATING | SOLDERTAIL PLATING | MATERIAL |
| 92813-001 | 2X19 | 36 | 38 | 34 | 3.4 | 5.4 | 2.1 | - | 0.38um MIN GXT | 0.38um MIN GXT | SEE NOTE 1 |
| -002 | 2X8 | 14 | 16 | 12 | 3.4 | 5.4 | 2.1 | - | 0.38um MIN GXT | 0.38um MIN GXT | ↑ |
| -003 | 2X15 | 28 | 30 | 26 | 3.5 | 6.5 | 2.4 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -004 | 2X7 | 12 | 14 | 10 | 3.4 | 2.0 | 2.0 | - | 0.38um MIN Au | 0.38um MIN Au | |
| -005 | 2X8 | 14 | 16 | 12 | 3.4 | 2.0 | 2.0 | - | 0.38um MIN Au | 0.38um MIN Au | |
| -006 | 2X12 | 22 | 24 | 20 | 3.6 | 5.5 | 2.1 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -007 | 2X20 | 38 | 40 | 36 | 4.0 | 9.5 | 2.1 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -008 | 2X4 | 6 | 8 | 4 | 5.5 | 2.0 | 2.1 | - | 0.38um MIN Au | 0.38um MIN Au | |
| -009 | 2X8 | 14 | 16 | 12 | 4.7 | 2.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -010 | 2X12 | 22 | 24 | 20 | 4.0 | 5.5 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -011 | 2X10 | 18 | 20 | 16 | 4.0 | 5.5 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -012 | 2X16 | 30 | 32 | 28 | 4.0 | 2.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -013 | 2X5 | 8 | 10 | 6 | 3.5 | 0 | 2.0 | - | 0.76um MIN GXT | 0.76um MIN GXT | |
| -014 | 2X4 | 6 | 8 | 4 | 4.0 | 5.5 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -015 | 2X15 | 28 | 30 | 26 | 4.0 | 5.5 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -016 | 2X13 | 24 | 26 | 22 | 4.0 | 4.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -017 | 2X18 | 34 | 36 | 32 | 4.0 | 4.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -018 | 2X6 | 10 | 12 | 8 | 2.8 | 1.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -019 | 2X15 | 28 | 30 | 26 | 6.0 | 4.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -020 | 2X15 | 28 | 30 | 26 | 4.0 | 6.0 | 1.8 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -021 | 2X13 | 24 | 26 | 22 | 4.0 | 2.0 | 1.8 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -022 | 2X14 | 26 | 28 | 24 | 2.0 | 6.5 | 2.4 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -023 | 2X25 | 48 | 50 | 46 | 4.0 | 5.4 | 2.1 | - | 0.38um MIN GXT | 0.38um MIN GXT | |
| -024 | 2X15 | 28 | 30 | 26 | 3.4 | 2.0 | 2.0 | - | 0.38um MIN Au | 0.38um MIN Au | |
| -025 | 2X3 | 4 | 6 | 2 | 4.0 | 2.0 | 2.0 | - | 0.76um MIN Au | 0.76um MIN Au | |
| -026 | 2X13 | 24 | 26 | 22 | 4.0 | 4.0 | 2.1 | - | 0.76um MIN GXT | 0.76um MIN GXT | ↓ |
| -027 | 2X4 | 6 | 8 | 4 | 4.65 | 8.7 | 2.0 | - | 0.38um MIN Au | 0.38um MIN Au | SEE NOTE 1 |

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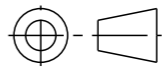


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|-------------|----------------|------------|---|----------|------------------------|---------------|--------------|------|
| dr | wcadmin, wcadm | 2010/11/01 | projection  | MM ←→ | size | A3 | scale | 10:1 |
| eng | Yuan-Yuan Bao | 2020/12/23 | | | ecn no | ELX-N-38731-1 | | |
| chr | - | - | product family | MINITEK | rel level | Released | | |
| appr | Tim Yao | 2020/12/24 | | | dwg no | 92813 | | rev |
| www.fci.com | | cat. no. | - | | Product - Customer Drw | | sheet 2 of 4 | |

| | 1 | | | 2 | | | | 3 | | | 4 | |
|---|-------------|------|-------|-------|-------|-------|-------|-------|----------|-----------------|--------------------|------------|
| | PRODUCT NO. | POS | DIM X | DIM Y | DIM Z | DIM A | DIM B | DIM W | POL. POS | CONTACT PLATING | SOLDERTAIL PLATING | MATERIAL |
| A | 92813-028 | 2X5 | 8 | 10 | 6 | 4.0 | 2.0 | 2.0 | - | 0.76um MIN GXT | 0.76um MIN GXT | SEE NOTE 1 |
| | -029 | 2X22 | 42 | 44 | 40 | 4.0 | 6.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | SEE NOTE 1 |
| | -030 | 2X7 | 12 | 14 | 10 | 3.4 | 2.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | SEE NOTE 1 |
| | -031 | 2X15 | 28 | 30 | 26 | 3.4 | 2.0 | 2.0 | - | 0.38um MIN GXT | 0.38um MIN GXT | SEE NOTE 1 |
| | -032 | 2X4 | 6 | 8 | 4 | 4.5 | 3.0 | 2.25 | - | 0.76um MIN Au | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -033 | 2X16 | 30 | 32 | 28 | 4.1 | 3.7 | 2.25 | - | 0.76um MIN Au | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -034 | 2X16 | 30 | 32 | 28 | 3.7 | 0.5 | 2.25 | - | 0.76um MIN Au | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -035 | 2X4 | 6 | 8 | 4 | 4.0 | 4.4 | 2.00 | - | 0.38um MIN Au | 0.38um MIN Au | SEE NOTE 1 |
| | -036 | 2X20 | 38 | 32 | 28 | 4.0 | 6.5 | 2.00 | - | 0.38um MIN GXT | 0.38um MIN GXT | SEE NOTE 1 |
| | -037 | 2X14 | 26 | 28 | 24 | 4.0 | 9.5 | 2.1 | - | 0.76um MIN Au | 2.54um MIN 100% Sn | SEE NOTE 1 |
| B | -038 | 2X14 | 26 | 28 | 24 | 4.0 | 9.5 | 2.1 | - | 0.76um MIN GXT | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -039 | 2X10 | 18 | 20 | 16 | 4.1 | 3.75 | 2.1 | - | 0.76um MIN GXT | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -040 | 2X5 | 8 | 10 | 6 | 4.0 | 5.0 | 2.1 | - | 0.76um MIN GXT | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -041 | 2X15 | 28 | 30 | 26 | 4.0 | 5.5 | 2.0 | - | 0.76um MIN GXT | 0.76um MIN GXT | SEE NOTE 1 |
| | -042 | 2X8 | 14 | 16 | 12 | 4.0 | 11.5 | 2.1 | - | 0.38um MIN GXT | 0.38um MIN GXT | SEE NOTE 1 |
| | -043 | 2X22 | 42 | 44 | 40 | 4.0 | 11.5 | 2.1 | - | 0.38um MIN GXT | 0.38um MIN GXT | SEE NOTE 1 |
| | -047 | 2X7 | 12 | 14 | 10 | 4.0 | 0.5 | 2.1 | - | 0.76um MIN GXT | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -049 | 2X14 | 26 | 28 | 24 | 4.0 | 0.5 | 2.1 | - | 0.76um MIN GXT | 2.54um MIN 100% Sn | SEE NOTE 1 |
| | -050 | 2X5 | 8 | 10 | 6 | 4.1 | 3.75 | 2.1 | - | 0.76um MIN GXT | 2.54um MIN 100% Sn | SEE NOTE 1 |

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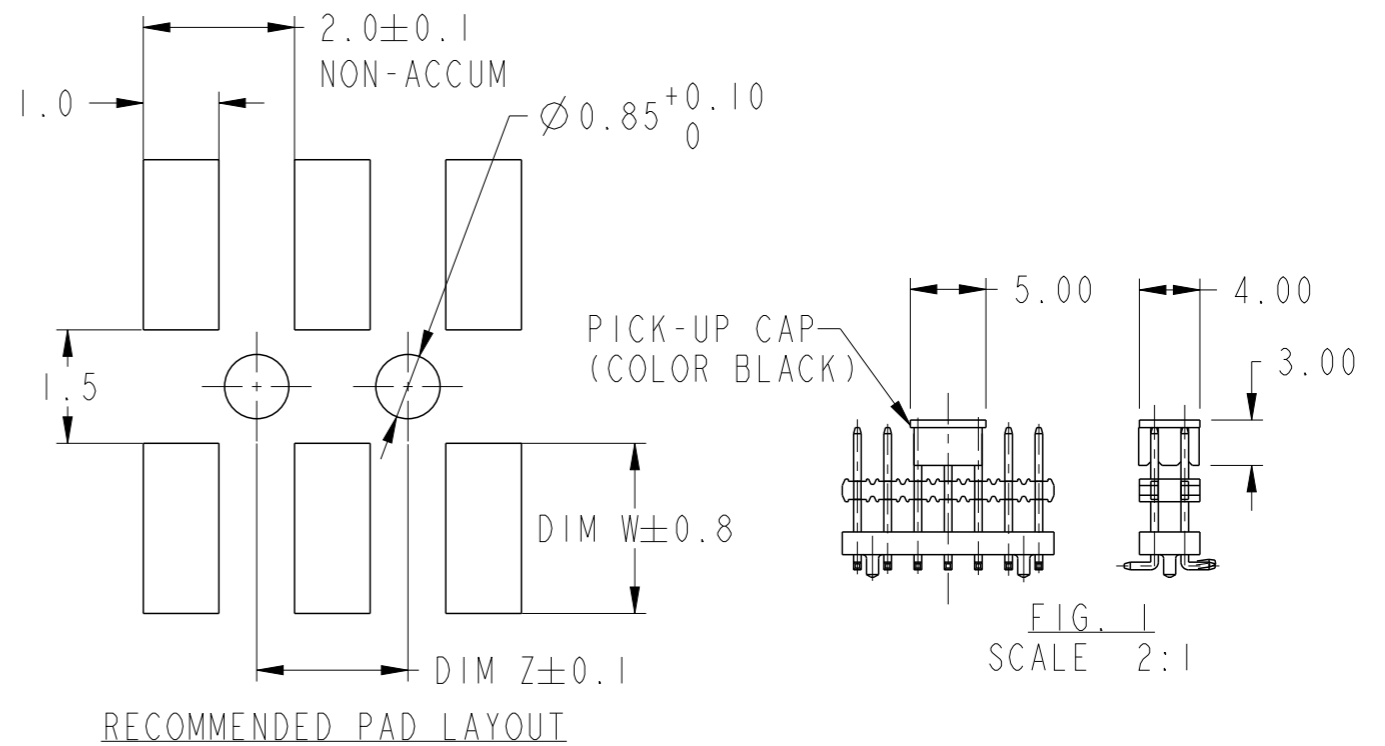
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|---|----------------|----------------|---|---|----------------|------------------------|-----------|--------------|
| dr | wcadmin, wcadm | 2010/11/01 |  |  | size | A3 | scale | 10:1 |
| eng | Yuan-Yuan Bao | 2020/12/23 | | | ecn no | ELX-N-38731-1 | | |
| chr | - | - | | | product family | MINITEK | rel level | Released |
| appr | Tim Yao | 2020/12/24 | | | | | | |
|  | | MINITEK II R/R | | | dwg no | 92813 | rev | BB |
| www.fci.com | | cat. no. | - | | | Product - Customer Drw | | sheet 3 of 4 |

NOTES:

1. MATERIAL:
BODY : HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0 NATURAL
PIN : COPPER ALLOY
2. TOLERANCE UNLESS OTHERWISE NOTED ± 0.25
3. DIM 1.0 ± 0.15 APPLIES TO 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. P/N 92813-XXXT TO BE PACKED IN TUBE.
7. P/N 92813-011TC, 014TC, 023TC & 024TC TO BE PACKED IN TUBE WITH PICK-UP CAP INSTALLED IN THE CENTRE OF THE PRODUCT. SEE FIG. 1.
8. P/N 92813-XXXTR TO BE PACKED IN TAPE & REEL WITH PICK-UP CAP INSTALLED IN THE CENTRE OF THE PRODUCT. SEE FIG. 1.
9. PRODUCT PART NUMBER DESCRIPTIONS:
92813 - XXX LF
 - LEAD FREE. SEE NOTE 10
 - NO. OF POSITIONS (RANDOM)
10. P/N:92813-XXXLF IS SAME TO 92813-XXX. THE SUFFIX 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION.
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A MINIMUM 1.57mm THICK CIRCUIT BOARD.
13. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
14. PN 92813-04ITRS TO BE PACKED IN TAPE&REEL WITH PICK-UP(L*W=8MM*7MM)



| | | | | | | | | | |
|-------------|----------------|----------------|----------------|---------|------------------------|---------------|--------------|-----|----|
| dr | wcadmin, wcadm | 2010/11/01 | projection | MM | size | A3 | scale | 5:2 | |
| eng | Yuan-Yuan Bao | 2020/12/23 | | | ecn no | ELX-N-38731-1 | | | |
| chr | - | - | | | rel level | Released | | | |
| appr | Tim Yao | 2020/12/24 | product family | MINITEK | | | | | |
| | | MINITEK II R/R | | dwg no | | 92813 | | rev | BB |
| www.fci.com | | cat. no. | - | | Product - Customer Drw | | sheet 4 of 4 | | |