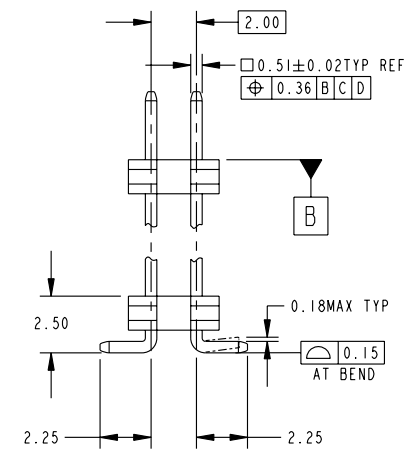
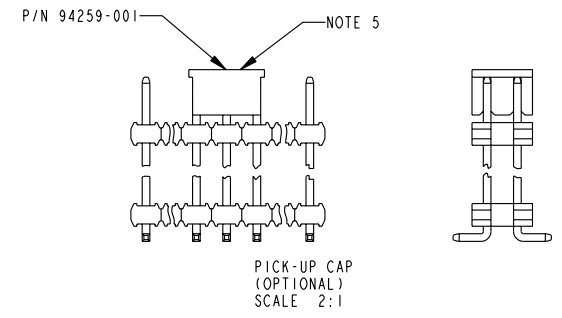
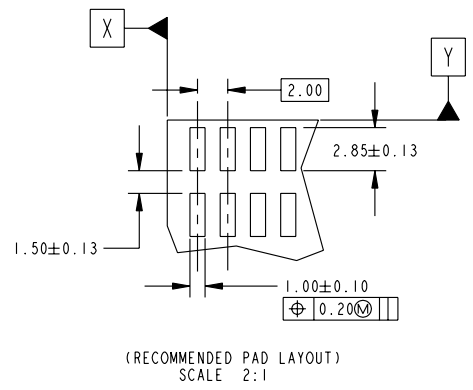
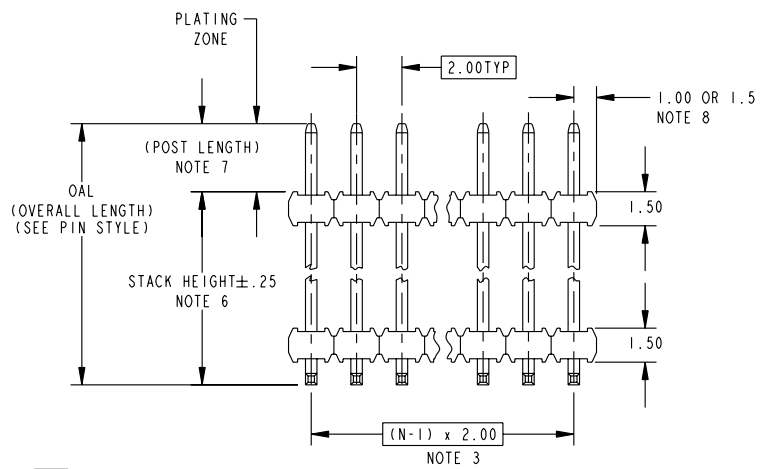
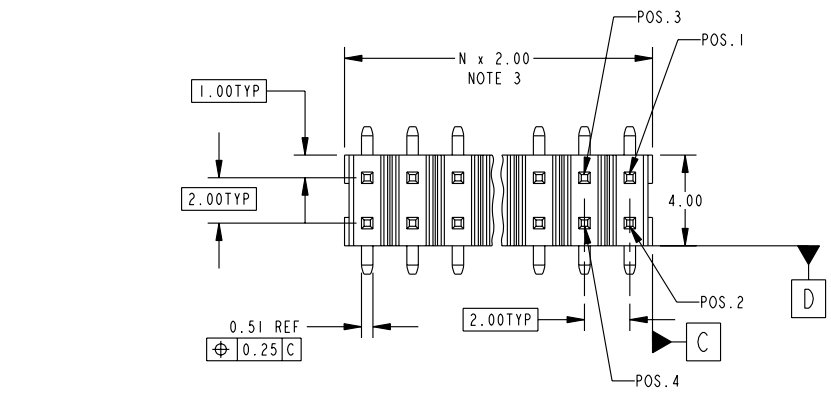








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| rev | ecn no | dr | date |
|-----|----------|-----|---------|
| E | S05-0074 | KBM | 3/15/05 |
| F | S06-0236 | KHL | 7/17/06 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| C | V03-0140 | DAI | 5/9/03 |
| D | S05-0005 | KBM | 1/12/05 |

| | | | | | | | | | | |
|---|-------------|---------|---|--|---------------|--|--|--|---|--|
| www.fciconnect.com | | | surface  | | tolerance std | | projection  | |  | |
| | | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | | | | |
| Dr | T. BRUNGARD | 4/5/99 | ANGULAR | | LINEAR | | 0.X | | ±0.5 | |
| Eng | D. JOHNESCU | 4/6/09 | | | | | 0.XX | | ±0.25 | |
| Chr | KH LEE | 7/17/06 | 0° ±3° | | 0.XXX | | ±0.150 | | size A4 | |
| Appr | JOEY NG | 7/17/06 | Product family | | | | MINITEK | | ECN S06-0236 | |
| | | | | | | | Spec ref | | | |
|  | | | title 2.00mm UNSHROUDED HEADER | | | | dwg no 59202 | | Rev. F | |
| | | | BOARD TO BOARD, SMT | | | | | | | |
| | | | catalog no | | | | CUSTOMER | | sheet 1 of 2 | |

PRODUCT NUMBER DESCRIPTION:

59202 - X XX - XX - XXXLF

PLATING

S = 0.38μm GOLD
ON CONTACT AREA
0.38μm GOLD
ON TAIL

G = 0.76μm GOLD
ON CONTACT AREA
0.76μm GOLD
ON TAIL

F = 0.20μm GOLD
ON CONTACT AREA
0.20μm GOLD
ON TAIL

LEAD FREE ⑨

STACKER HEIGHT (NOTE 6)

PACKAGING: - = STANDARD
(NOTE 5) U = TUBE

P = TUBE WITH PICK-UP CAP

A = TAPE & REEL WITH PICK-UP CAP

POSITIONS PER ROW = "N"
(02 to 25)

| PIN STYLE | OAL |
|-----------|------|
| 22 | 06.5 |
| 24 | 07.9 |
| 26 | 08.5 |
| 28 | 10.1 |
| 30 | 11.9 |
| 32 | 12.4 |
| 34 | 13.9 |
| 36 | 15.5 |
| 38 | 17.4 |
| 40 | 19.4 |

NOTES:

1. MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC
UL 94V-0, COLOR BLACK

② MATERIAL TERMINAL: COPPER ALLOY

③ TO DETERMINE DIMENSIONS:

N = NUMBER OF POSITIONS PER ROW

EX.: 10 POS., N x 2.00 = 20.00 TOTAL POSITIONS

4. 0.9kg MIN. PIN RETENTION IN EITHER DIRECTION.

⑤ PACKAGING:

(A) STANDARD PACKAGING IN POLY BAGS.

(B) SPECIAL PACKAGING IN TUBE OR TAPE AND REEL.

FOR TUBE AN OPTIONAL PICK-UP CAP IS PROVIDED
IN THE CENTER OF THE PRODUCT FOR PICK AND PLACE
APPLICATIONS. PICK-UP CAP IS STANDARD IN TAPE
AND REEL. FOR ALL SPECIAL PACKAGING, FCI MUST BE
CONTACTED FOR AVAILABILITY IN SIZE REQUESTED.

⑥ STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION
REQUIREMENTS. SPECIFIED IN mm.

EXAMPLE: 4.7mm STACK HEIGHT=59202-XXX-XX-047.

MINIMUM STACK HEIGHT IS 4.00 mm.

⑦ POST LENGTH IS DETERMINED BY: (OAL)-(STACK HGT.)=POST LGTH.

MINIMUM MATING LENGTH 2.0mm

⑧ DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE
BROKEN DIM 1.5 MAX APPLIES.

- ⑨ P/N:59202-XXXLF IS SAME AS P/N:59202-XXX. THE SUFFIX 'LF'
IS ADDED FOR EASY LEAD FREE IDENTIFICATION.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED
OR VAPOR PHASE REFLOW OVEN.
11. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



title 2.00mm UNSHROUDED HEADER
BOARD TO BOARD, SMT
catalog no

dwg no 59202

Rev. F

CUSTOMER sheet 2 of 2