



Copyright FCI.

A

B

C

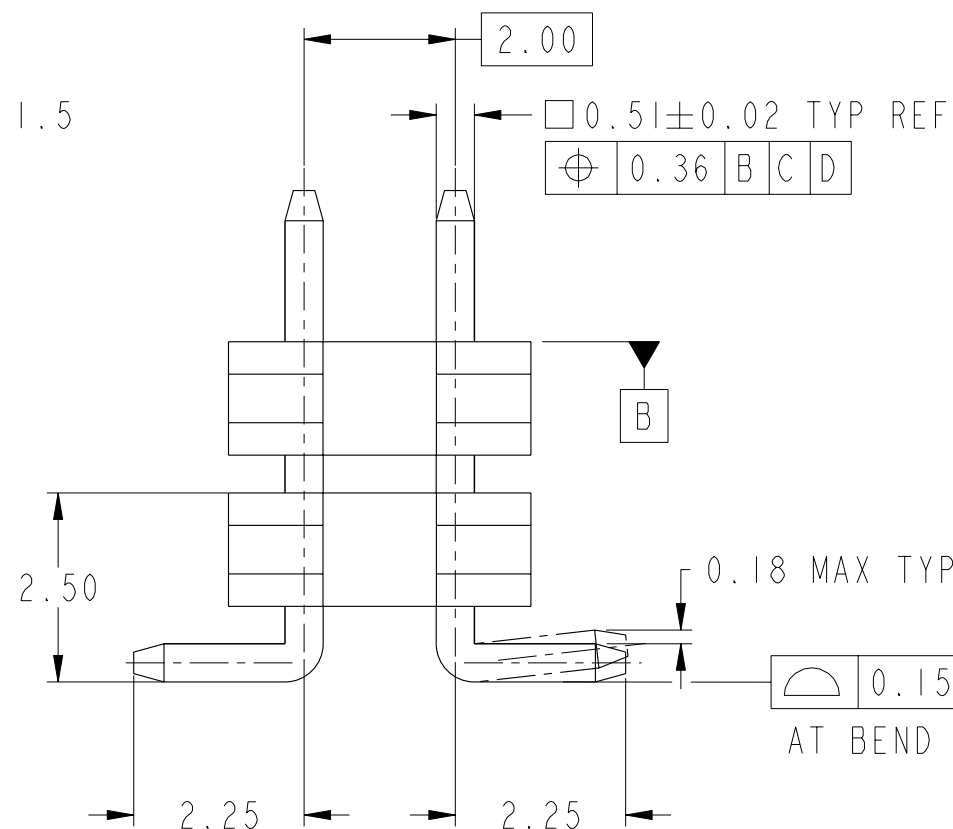
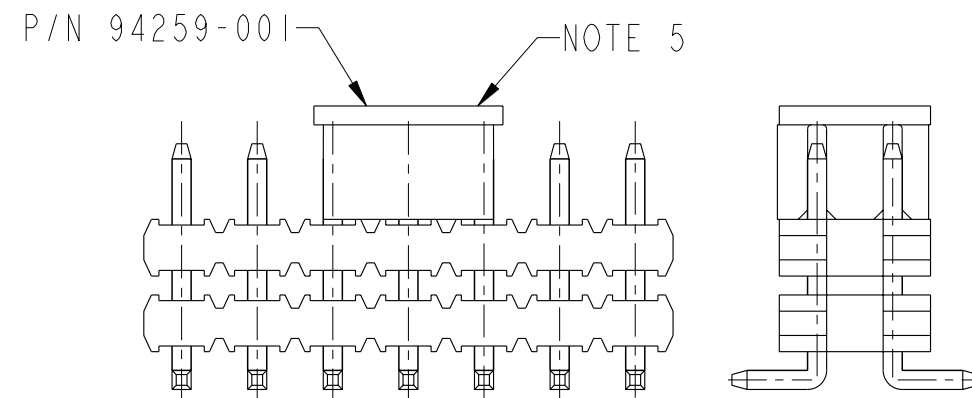
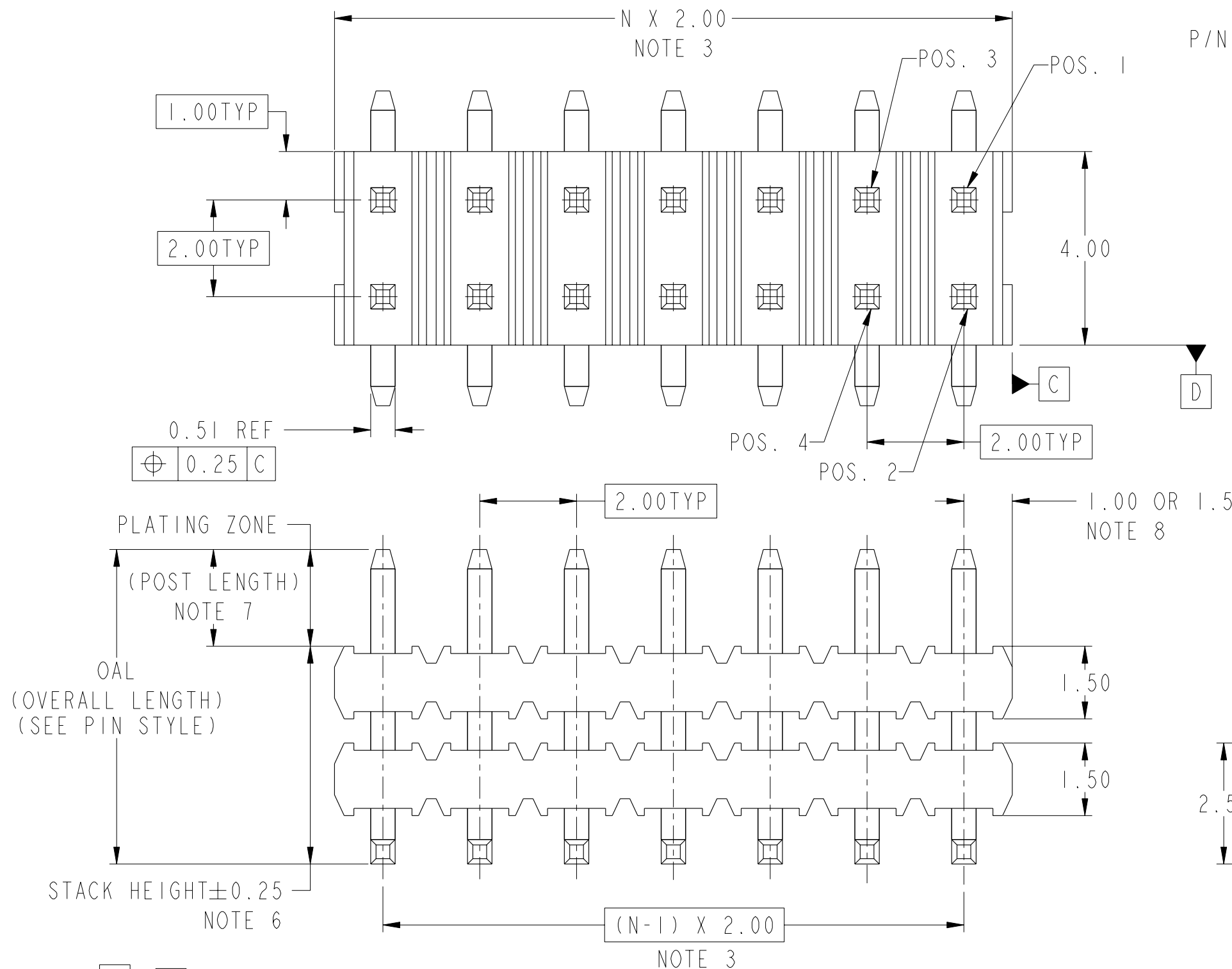
D

A

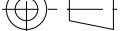
B

C

D



rev	ecn no	dr	date
E	S05-0074	KBM	2005-03-15
F	S06-0236	KHL	2006-07-17
G	S06-0328	KHL	2006-10-02
H	S10-0205	PR	2010-02-03
-	-	-	-
C	V03-0140	DAI	2003-05-09
D	S05-0005	KBM	2005-01-12

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	T.BRUNGARD	1999-04-05	ANGULAR LINEAR		0.X		±0.5		size A3		Scale 10:1	
Eng	D. JOHNESCU	1999-04-06			0.XX		±0.25					
Chr	KH LEE	2010-02-03			0°	±3°	0.XXX		±0.150		ECN S10-0205	
Appr	JOEY NG	2010-02-03	Product family				MINITEK		Spec ref		-	
		title 2.00mm UNSHROUDED HEADER BOARD TO BOARD, SMT				dwg no 59202				Rev. H		
		catalog no				CUSTOMER				sheet 1 of 2		

REV F - 2006-04-17

PRODUCT NUMBER

59202-001

PRODUCT NUMBER DESCRIPTION:

59202 - X XX - XX - XXXLF

LEAD FREE.
SEE NOTE 9

STACKER HEIGHT
SEE NOTE 6

PACKAGING: - = STANDARD
(SEE 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

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

T=0.76µm GOLD
ON CONTACT AREA
2.54µm 100% MATTE TIN
ON TAIL

NOTES:

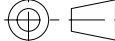
1. MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC.
UL 94V-0, COLOR BLACK.

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: 4.7 mm STACK HEIGHT= 59202-XXX-XX-047.
MINIMUM STACK HEIGHT IS 4.00mm.
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 59202-XXX. THE SUFFIX 'LF'
IS ADDED JUST 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.
12. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
13. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

www.fciconnect.com			surface - ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection 	MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
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Eng	D. JOHNESCU	1999-04-06			0.XX	±0.25			
Chr	KH LEE	2010-02-03			0° ±3°	0.XXX			
Appr	JOEY NG	2010-02-03	Product family				MINITEK	Spec ref -	
		title	2.00mm UNSHROUDED HEADER BOARD TO BOARD, SMT				dwg no 59202		Rev. H
			catalog no				-	CUSTOMER	