

A

B

C

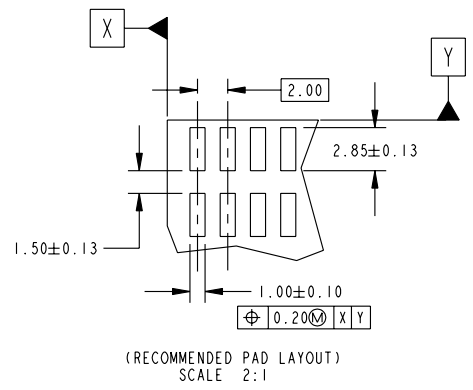
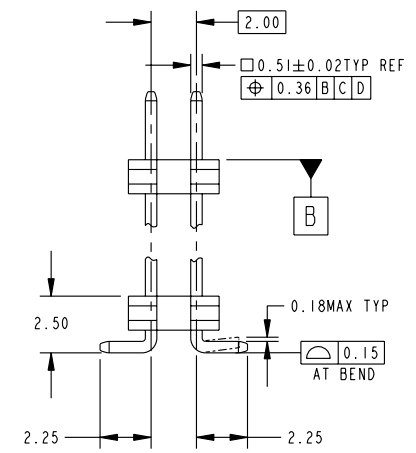
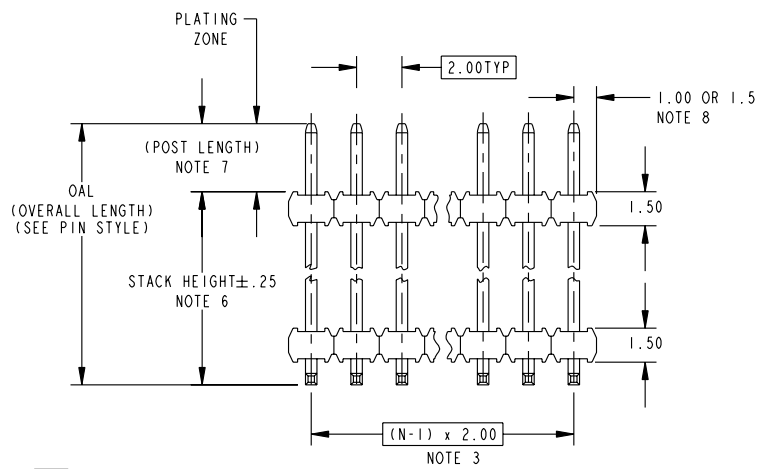
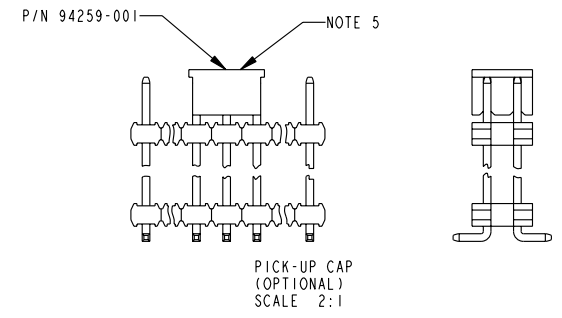
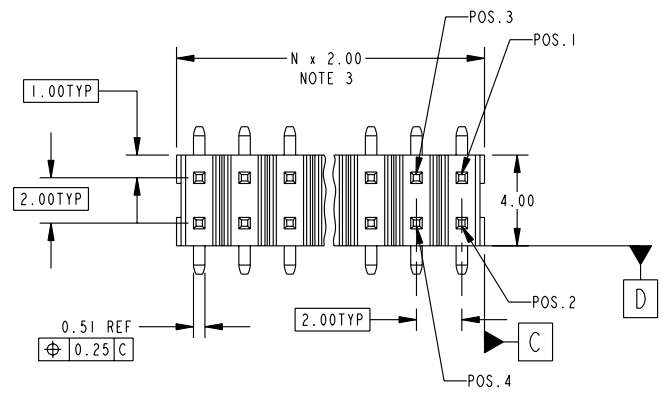
D

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
-	-	-	-
C	V03-0140	DAI	2003-05-09
D	S05-0005	KBM	2005-01-12

www.fciconnect.com		surface	<input checked="" type="checkbox"/>	tolerance std	projection	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED				MM
Dr	T. BRUNGARD	1999-04-05	ANGULAR	0.X	±0.5	size A4
Eng	D. JOHNESCU	1999-04-06	LINEAR	0.XX	±0.25	Scale 3:1
Chr	KH LEE	2006-10-02	0° ±3°	0.XXX	±0.150	ECN S06-0328
Appr	JOEY NG	2006-10-02	Product family	MINITEK	Spec ref	
		2.00mm UNSHROUDED HEADER BOARD TO BOARD, SMT		dwg no	59202	Rev. G
catalog no		CUSTOMER		sheet 1 of 2		



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PRODUCT NUMBER

59202-001

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

- 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.

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.



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title 2.00mm UNSHROUDED HEADER BOARD TO BOARD, SMT	dwg no 59202	Rev. G