

1

2

3

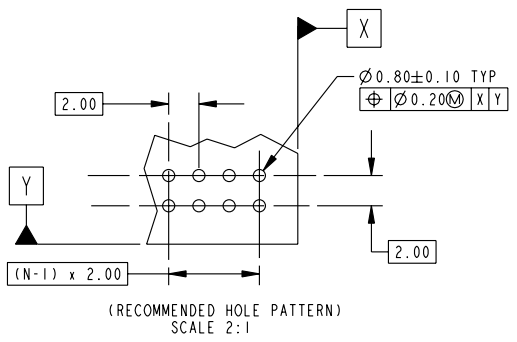
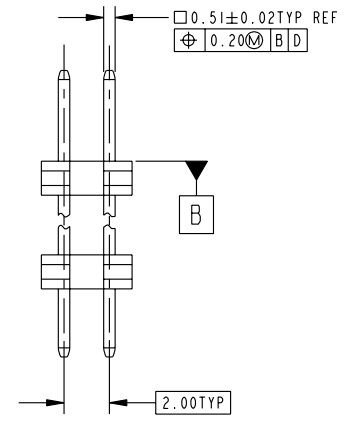
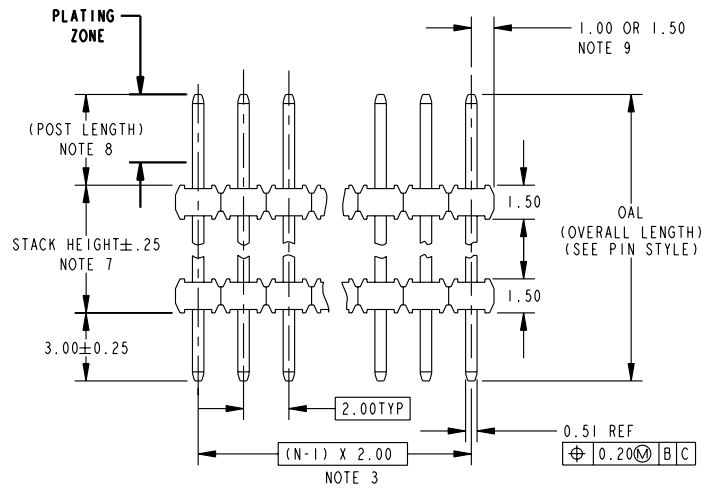
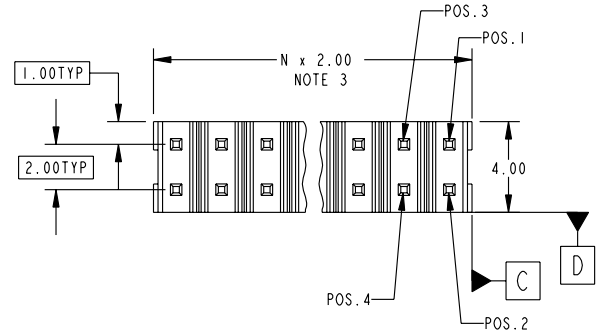
4

A

B

C

D



rev	ecn no	dr	date
E	S05-0062	KBM	2005-02-28
F	S06-0236	KHL	2006-07-17
G	S06-0328	KHL	2006-09-29
H	S07-0251	KHL	2007-07-16
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com				surface	<input checked="" type="checkbox"/>	tolerance std	projection	MM
				TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	T. BRUNGARD	1999-04-06		ANGULAR	LINEAR	0.X	±0.5	size A4
Eng	D. JOHNESCU	1999-04-06		0°	±3°	0.XX	±0.25	Scale 3:1
Chr	KH LEE	2007-07-16				0.XXX	±0.150	ECN S07-0251
Appr	JOEY NG	2007-07-16		Product family		MINITEK		Spec ref
				FCI		2.00mm UNSHROUDED HEADER		dwg no
						BOARD TO BOARD THRU-HOLE		59132
				catalog no		CUSTOMER		Rev. H
						sheet 1 of 2		

REV F - 2006-04-17

2

PDM: Rev:H

STATUS: Released

4 Printed: Jul 21, 2007



Copyright FCI.

PRODUCT NUMBER DESCRIPTION:

59132 - X XX - XX - XXX XLF

- 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 ⑩
- RETENTION (NOTES 6,10)
R: RETENTIVE LEG
- STACKER HEIGHT (NOTE 7)
- PACKAGING: - = BAGS (NOTE 5) U = TUBES
- POSITIONS PER ROW = "N" (02 to 25)
- OMIT FROM PRODUCT NUMBER FOR LEAD FREE WITH RETENTIVE LEG PRODUCT

PIN STYLE	OAL
22	08.2
24	09.6
26	10.2
28	11.8
30	13.5
32	14.1
34	15.6
36	17.1
38	19.1
40	21.1
42	18.0

- ⑩. P/N:59132-XXXLF IS SAME AS P/N:59132-XXX. THE SUFFIX 'LF' IS ADDED FOR EASY LEAD FREE IDENTIFICATION.
- 12. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 13. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
- 14. 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.
FOR ALL SPECIAL PACKAGING, FCI MUST BE CONTACTED FOR AVAILABILITY SIZE REQUESTED.
- 6. RETENTION LEG:
2.3kg MAX INSERTION FORCE AND 1kg MIN RETENTION FORCE PER RETENTIVE PIN USING 1.57 THICK CIRCUIT BOARD AND RECOMMENDED HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUFACTURER. RETENTION IS TWO PINS PER PART ADJACENT TO ONE ANOTHER.
- 7. STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION REQUIREMENTS. SPECIFIED IN mm.
EXAMPLE: 3.7mm STACK HEIGHT=59132-XXX-XX-037X.
- 8. POST LENGTH IS DETERMINED BY: (OAL)-(3.00)-(STACK HGT.)
=POST LENGTH. MINIMUM MATING LENGTH TO BE 2.0mm.
- 9. DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
- 10. OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE.



Copyright FCI.



title 2.00mm UNSHROUDED HEADER BOARD TO BOARD THRU-HOLE catalog no	dwg no 59132	Rev. H
	CUSTOMER	sheet 2 of 2