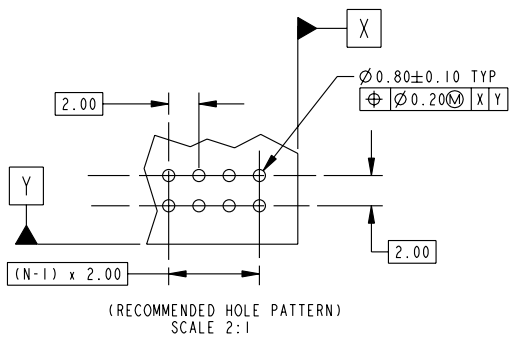
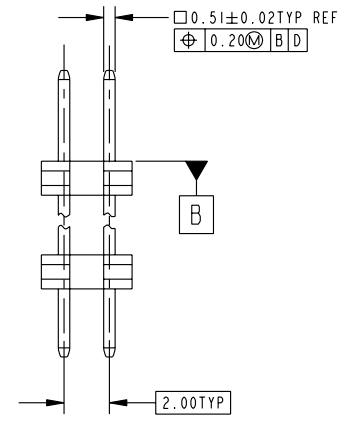
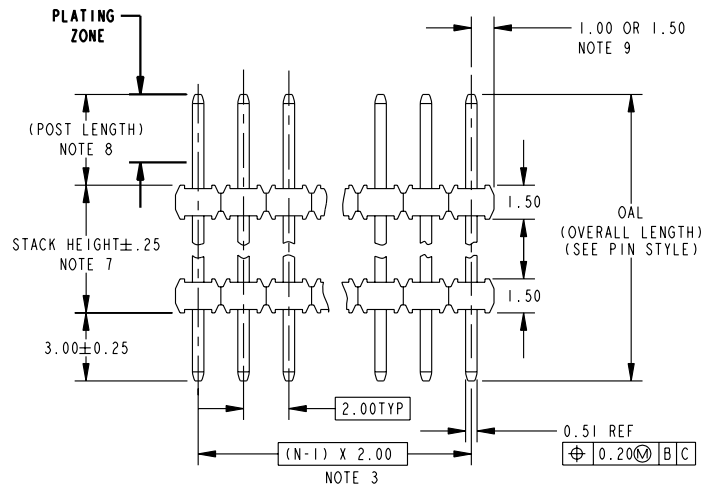
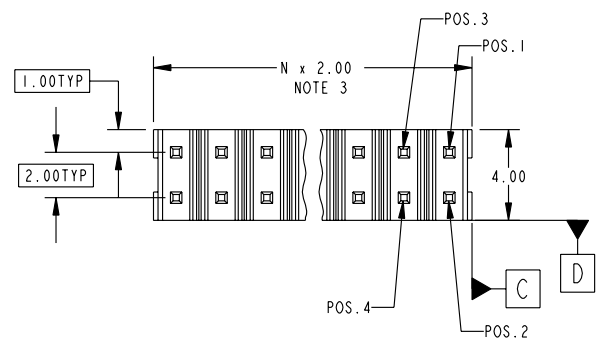


A

B

C

D



rev	ecn no	dr	date
E	S05-0062	KBM	2/28/05
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 <input checked="" type="checkbox"/>	tolerance std	projection	MM
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T. BRUNGARD	4/6/99	ANGULAR	size A4	Scale 3:1
Eng	D. JOHNESCU	4/6/99	LINEAR	ECN	S06-0236
Chr	KH LEE	7/17/06	0° ± 3°	0.X ± 0.2	0.XX ± 0.25
Appr	JOEY NG	7/17/06	0.XXX ± 0.150	Product family	Spec ref
FCI			2.00mm UNSHROUDED HEADER		Rev. F
BOARD TO BOARD THRU-HOLE			catalog no	CUSTOMER	sheet 1 of 2
			dwg no	59132	



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

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 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
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.



C

Copyright FCI.

D



Title	2.00mm UNSHROUDED HEADER
	BOARD TO BOARD THRU-HOLE
catalog no	

dwg no	59132
CUSTOMER	
sheet 2 of 2	

Rev. F