

1

2

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4

A

B

C

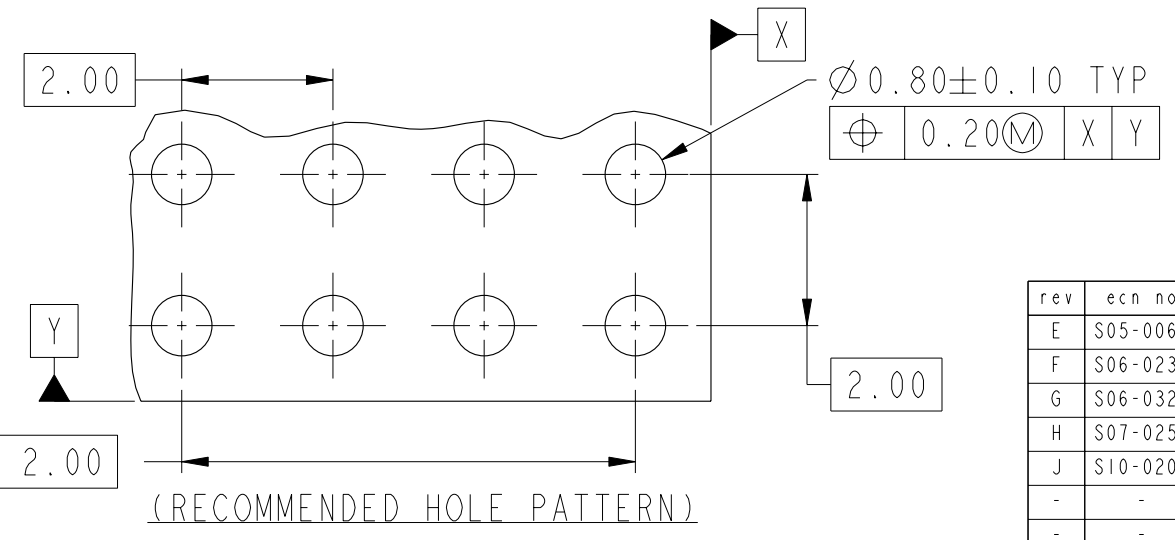
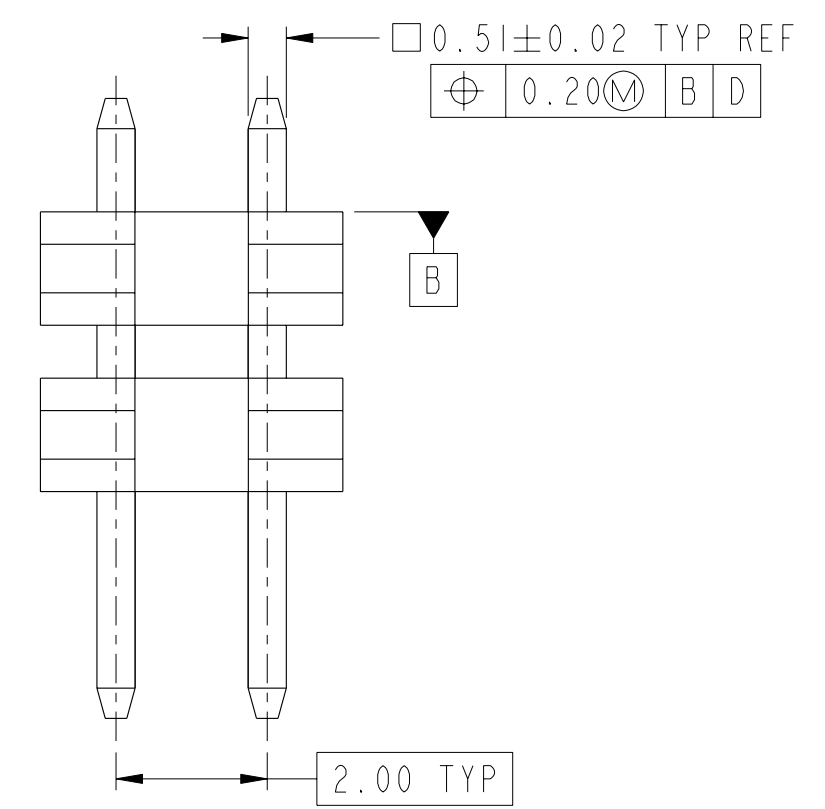
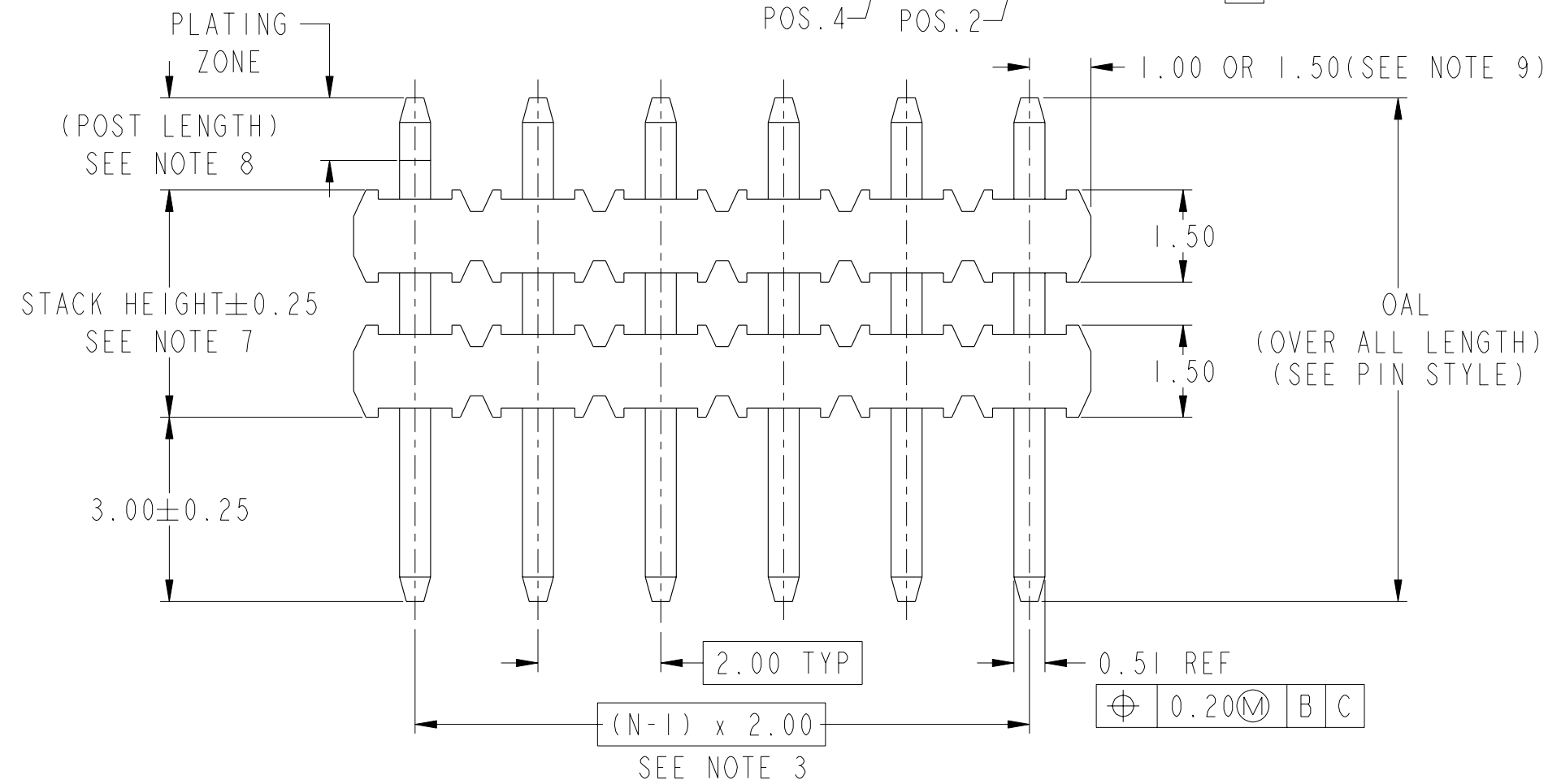
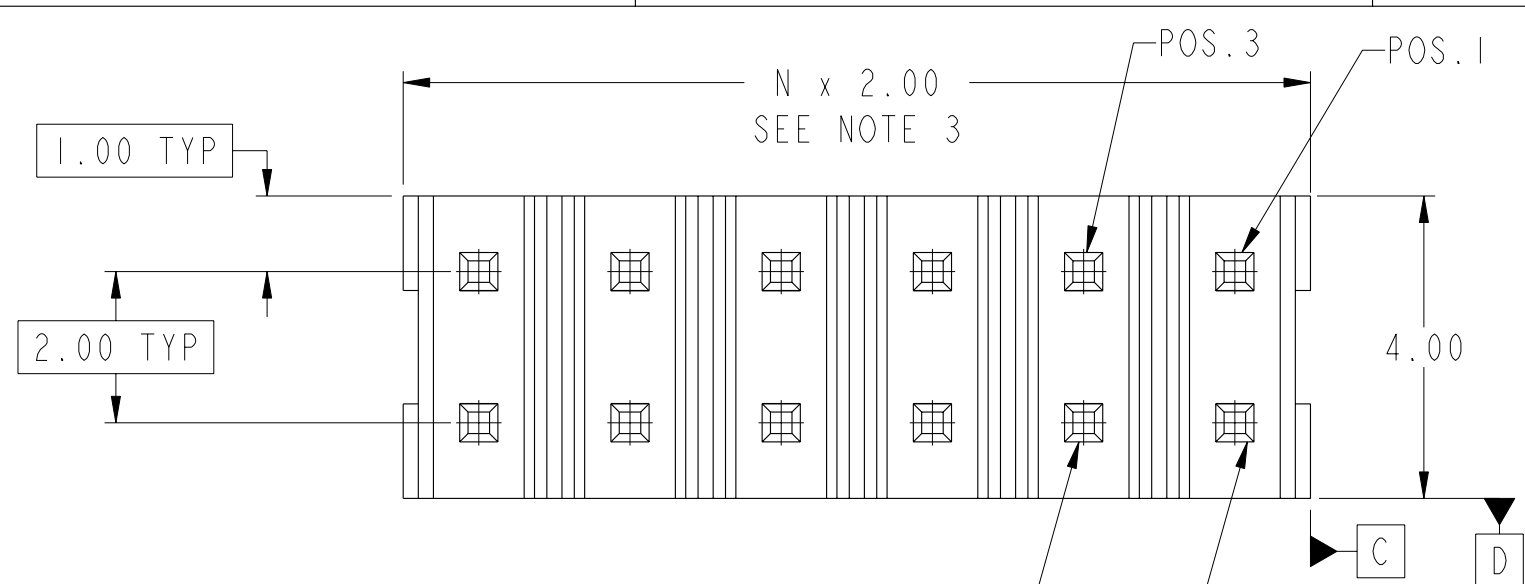
D

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
J	S10-0205	N.B.R	2009-12-21
-	-	-	-
-	-	-	-

www.fciconnect.com		surface - ✓	tolerance std	projection	MM
		ISO 1302	ISO 406 ISO 1101	⊕	← →
		TOLERANCES UNLESS OTHERWISE SPECIFIED			Scale 10:1
Dr	T. BRUNGARD	1999-04-06	ANGULAR	size A3	ECN S10-0205
Eng	D. JOHNESECU	1999-04-06	LINEAR	0.X ±0.5	Spec ref -
Chr	KH LEE	2009-12-21	0° ±3°	0.XX ±0.25	
Appr	JOEY NG	2009-12-21	Product family	0.XXX ±0.150	
		MINITEK			
FCi		2.00mm UNSHROUDED HEADER		dwg no	59132
		BOARD TO BOARD THRU-HOLE		Rev.	J
		catalog no		CUSTOMER	sheet 1 of 2

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REV F - 2006-04-17

1

2

3

PDM: Rev:J

STATUS: Released

Printed: Dec 21, 2010

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 (SEE NOTE 11)

RETENTION (SEE NOTES 6 & 10)
R: RETENTIVE LEG

STACKER HEIGHT (SEE NOTE 7)

PACKAGING: - = BAGS
(SEE NOTE 5) U = TUBES

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

OMIT FROM PRODUCT NUMBER FOR
LEAD FREE WITH RETENTIVE LEG PRODUCT

NOTES:

- MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC
UL 94V-0, COLOR BLACK
- MATERIAL TERMINAL: COPPER ALLOY
- TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITIONS PER ROW
EX.: 10 POS., N x 2.00 = 20.00 TOTAL POSITIONS
- 0.9kg MIN. PIN RETENTION IN EITHER DIRECTION.
- PACKAGING;
(A) STANDARD PACKAGING: IN POLY BAGS.
(B) SPECIAL PACKAGING: IN TUBE.
FOR ALL SPECIAL PACKAGING, FCI MUST BE
CONTACTED FOR AVAILABILITY IN SIZE REQUESTED.
- RETENTION LEG:
2.3kg MAX INSERTION FORCE AND 1 kg 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.
- STACK HEIGHT IS DETERMINED BY CUSTOMER APPLICATION
REQUIREMENTS. SPECIFIED IN mm.
EXAMPLE: 3.7mm STACK HEIGHT=59132-XXX-XX-037X.
- POST LENGTH IS DETERMINED BY: (OAL)-(3.00)-(STACK HGT.)
=POST LENGTH. MINIMUM MATING LENGTH TO BE 2.0mm.

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

- DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE
BROKEN, DIM 1.5 MAX APPLIES.
- OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE.
- P/N:59132-XXXLF IS SAME AS P/N:59132-XXX. THE SUFFIX 'LF'
IS ADDED FOR EASY LEAD FREE IDENTIFICATION.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED
OR VAPOR PHASE REFLOW OVEN.
- 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.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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www.fciconnect.com			surface \checkmark ISO 1302	tolerance std ISO 406 ISO 1101	projection 	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T. BRUNGARD	1999-04-06	ANGULAR	LINEAR	0.X	±0.5
Eng	D. JOHNESECU	1999-04-06			size	A3
Chr	KH LEE	2009-12-21	0°	±3°	0.XXX	±0.150
Appr	JOEY NG	2009-12-21	Product family		MINITEK	Spec ref
			2.00mm UNSHROUDED HEADER		dwg no	59132
			BOARD TO BOARD THRU-HOLE			Rev. J
			catalog no	-	CUSTOMER	sheet 2 of 2