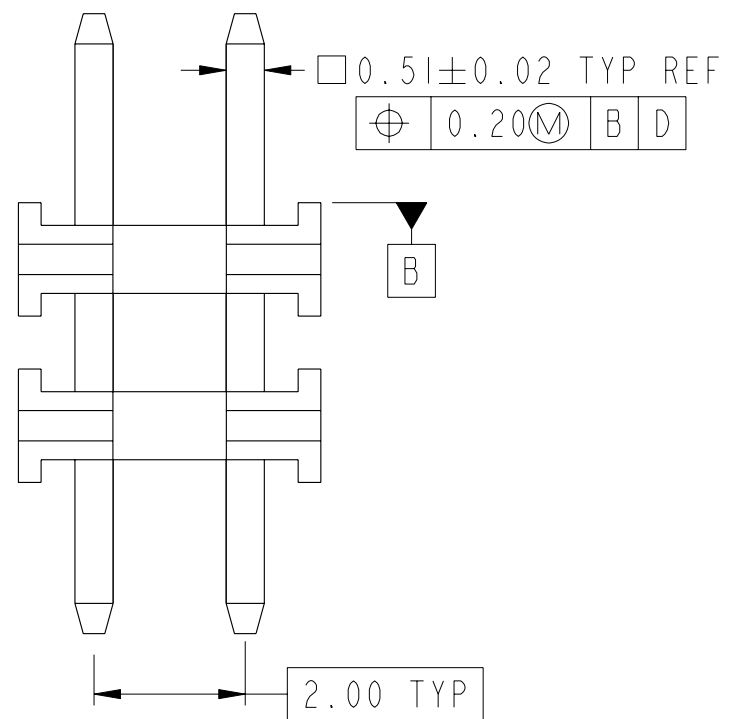
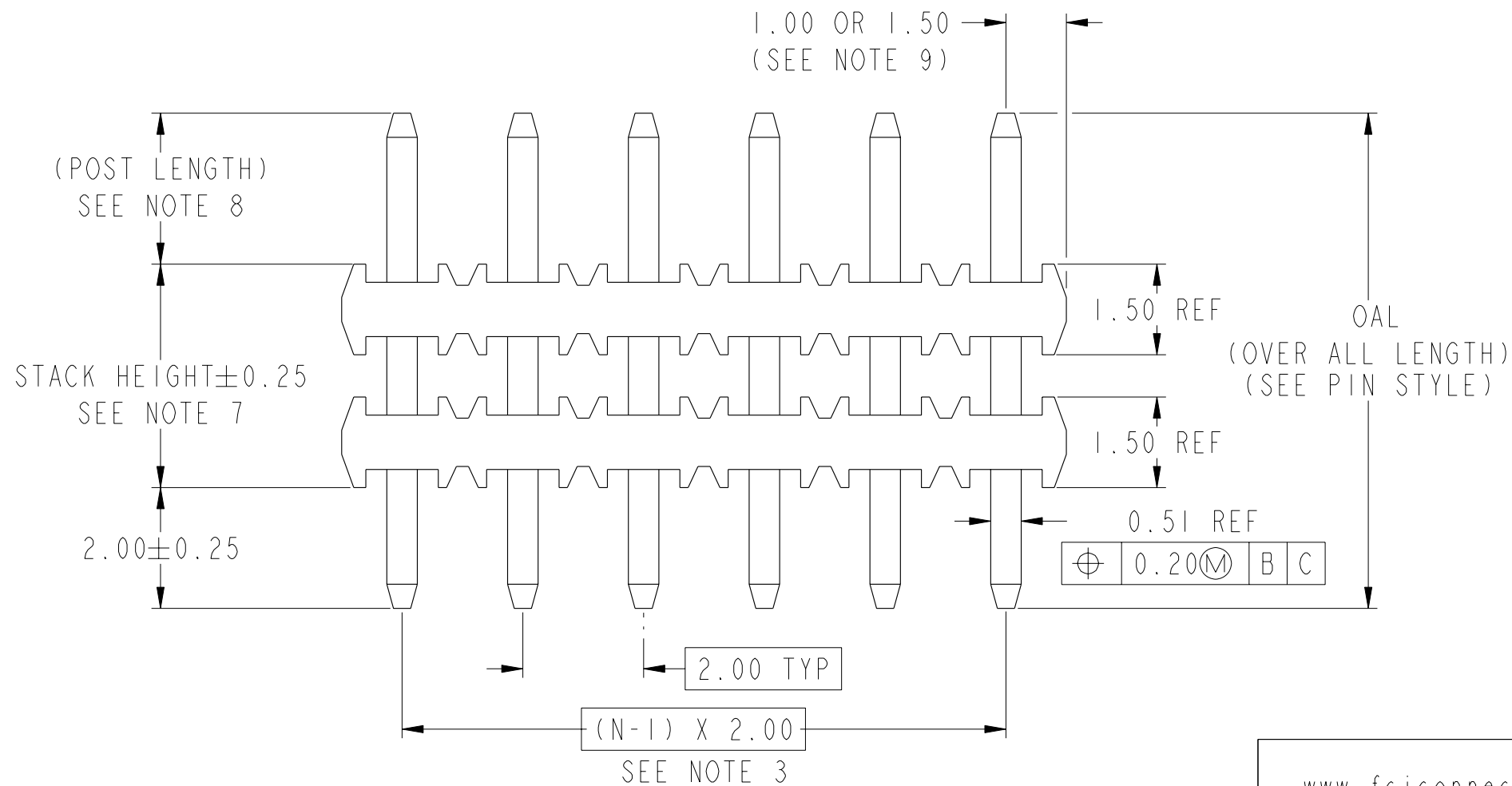
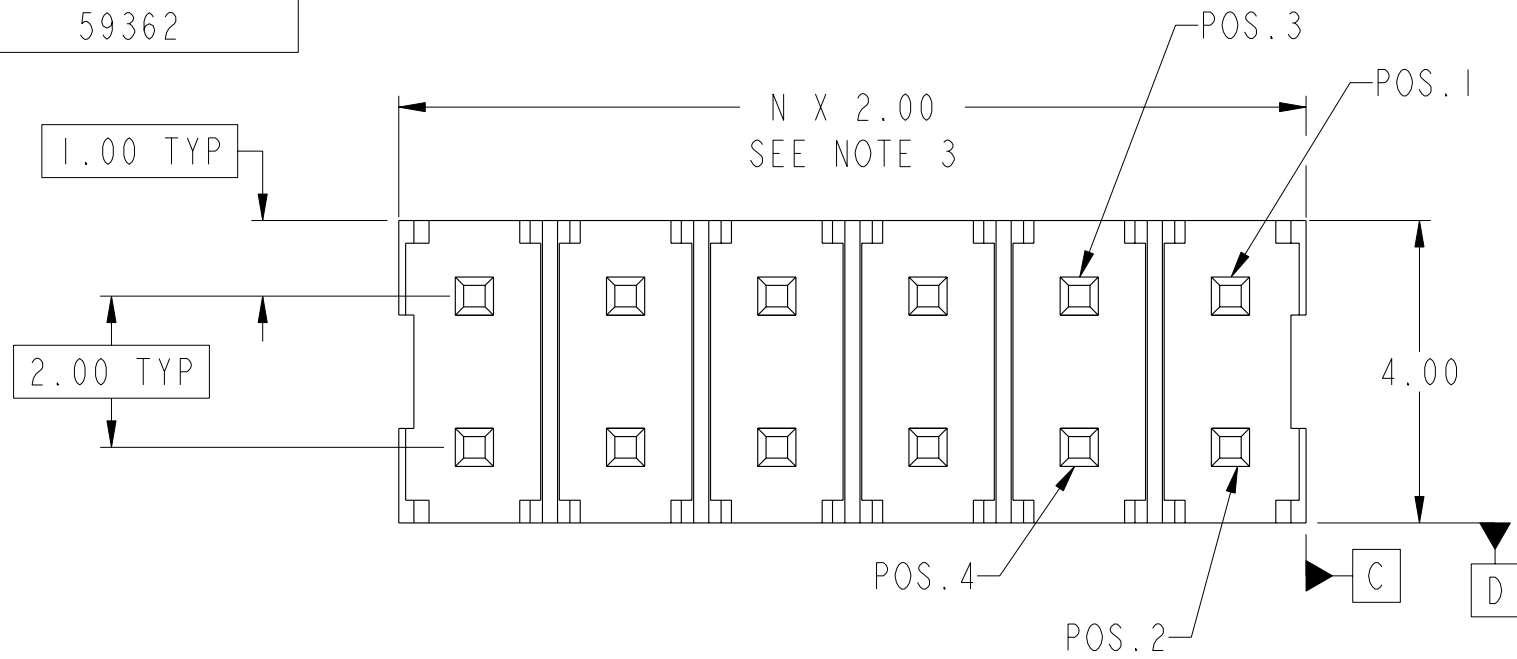


PRODUCT NUMBER
59362



rev	ecn no	dr	date
A	S07-0046	KHL	2007-02-09
B	S10-0205	N.B.R	2009-12-23
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		- ✓	tolerance std ISO 406 ISO 1101		projection 	MM 	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	KH LEE	2007-02-09	ANGULAR	LINEAR	0.X	±0.5	size	A3	Scale	
Eng	KH LEE	2007-02-09			0.XX	±0.25			10:1	
Chr	KH LEE	2009-12-23			0°	±3°	0.XXX		±0.150	ECN
Appr	JOEY NG	2009-12-23	Product family				MINITEK	Spec ref -		
		title	2.00mm UNSHROUDED HEADER BOARD TO BOARD (PIN IN PASTE)				dwg no	59362		Rev.
								B		
		catalog no				-		CUSTOMER	sheet 1 of 2	

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PRODUCT NUMBER

59362

PRODUCT NUMBER DESCRIPTION :

59362 - X XX XX X XXX X LF

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 AT

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. RETENTION LEG:

2.3kg MAX INSERTION FORCE AND 1 kg MIN RETENTION FORCE PER
RETENTIVE PIN USING 1.57mm 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=59362-XXXXXX037XLF.

⑧ POST LENGTH IS DETERMINED BY: (OAL)-(2.50)-(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

LEAD FREE (SEE NOTE 11,12 & 13)

RETENTION (SEE NOTES 6 & 10)

STACKER HEIGHT (SEE NOTE 7)

PACKAGING: - = BAGS

(SEE NOTE 5) U = TUBES

P = TUBE WITH PICK-UP CAP

A = TAPE & REEL WITH PICK-UP CAP

POSITIONS PER ROW (02 TO 25)

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.

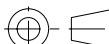
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED
OR VAPOR PHASE REFLOW OVEN.

12. 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.

13. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

△ 14. A △ 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 - 		tolerance std		projection		
			ISO 1302		ISO 406	ISO 1101			
TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	KH LEE	2007-02-09	ANGULAR	LINEAR	0.X	±0.5	size	Scale	
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Appr	JOEY NG	2009-12-23	Product family			MINITEK	Spec ref	-	
		2.00mm UNSHROUDED HEADER				dwg no		59362	Rev.
		BOARD TO BOARD (PIN IN PASTE)							
		catalog no				-	CUSTOMER		sheet 2 of 2