



Copyright FCI.

A

B

C

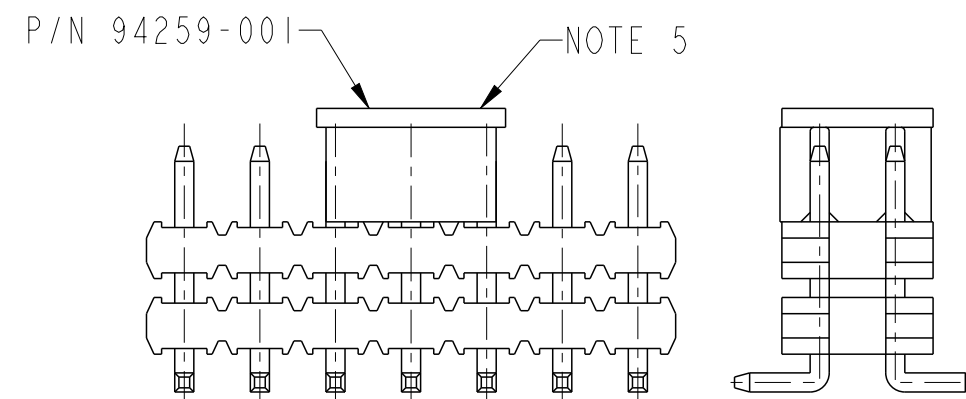
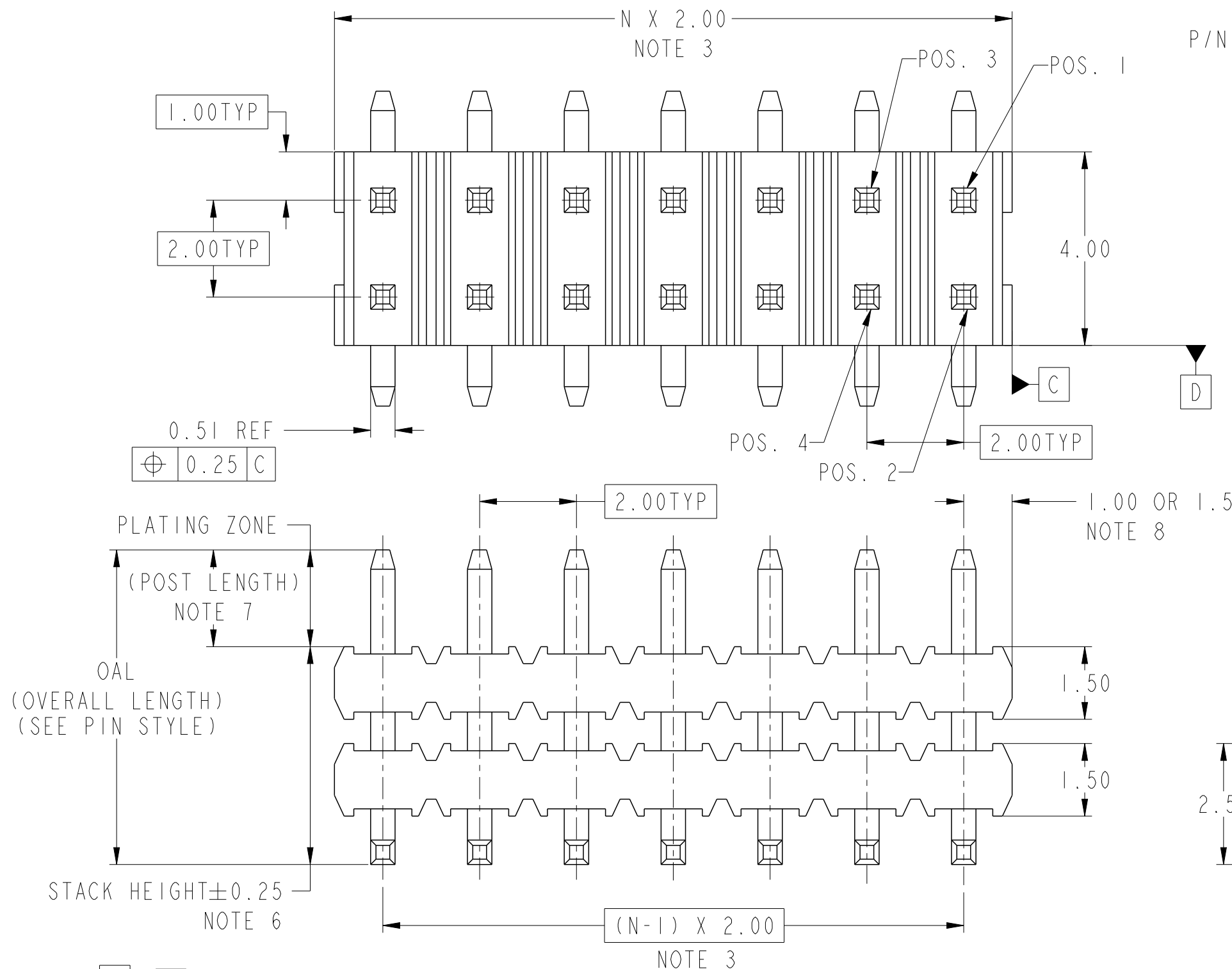
D

A

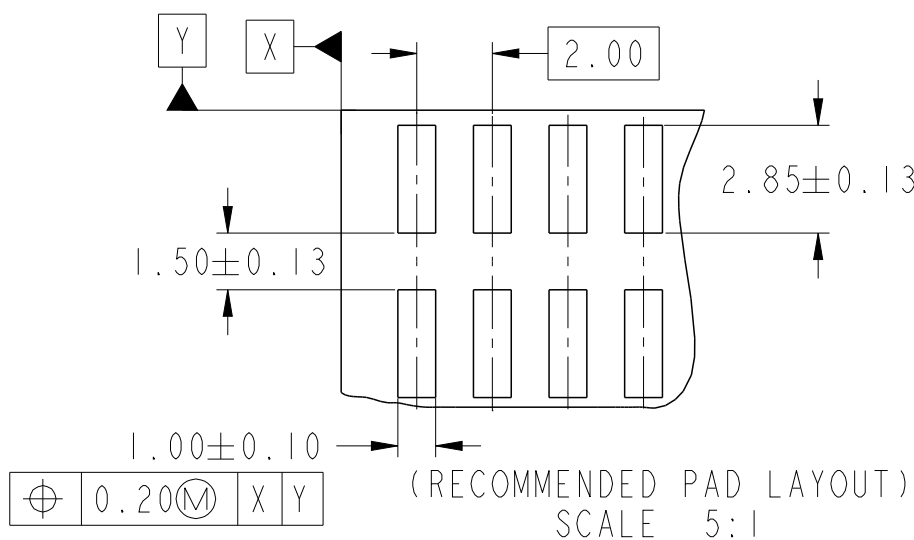
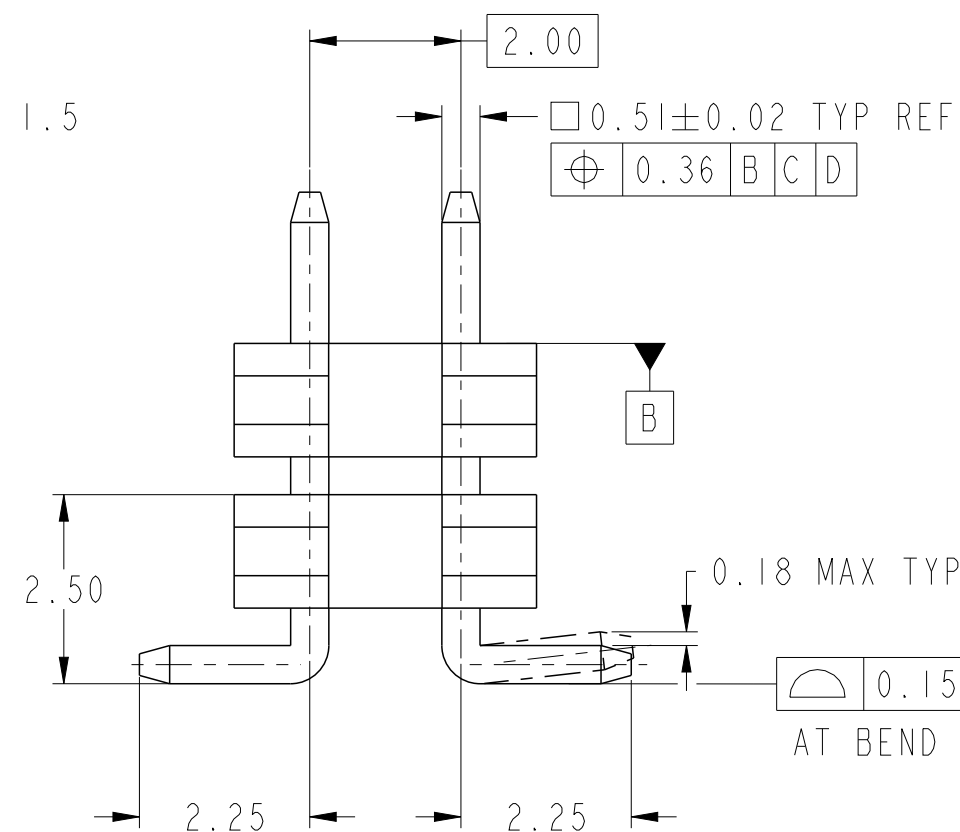
B

C

D



PICK-UP CAP
(OPTIONAL)
SCALE 5:1



spec ref	-	dr	wcadmin	2010/11/01	projection	MM	size	A3	scale	10:1
tolerance std	ISO 406 ISO 1101	eng	Guo-Min Sun	2014/04/01	chr	-	ecn no	ELX-N-17365-1	rel level	Released
surface	✓	appr	Rick Bian	2014/04/02	product family	MINITEK	dwg no	59202	rev	M
ISO 1302	linear 0.X ±0.5 0.XX ±0.25 0.XXX ±0.150 angular 0° ±3°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 2				

DETAIL PRODUCT NUMBER

PRODUCT NUMBER DESCRIPTION:

59202 - X XX - XX - XXXLF

LEAD FREE.
SEE NOTE 9

STACKER HEIGHT
SEE NOTE 6

PACKAGING: - = STANDARD
(SEE NOTE 5) U = TUBE
P = TUBE WITH PICK-UP CAP
A = TAPE & REEL WITH
PICK-UP CAP

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

PLATING
S=0.38um GOLD
ON CONTACT AREA
0.38um GOLD
ON TAIL

G=0.76um GOLD
ON CONTACT AREA
0.76um GOLD
ON TAIL

F=0.20um GOLD
ON CONTACT AREA
0.20um GOLD
ON TAIL

T=0.76um GOLD ON CONTACT AREA
2.54um 100% MATTE TIN
ON TAIL

K=0.76um GXT ON CONTACT AREA
2.54um 100% MATTE TIN
ON TAIL

H=GOLD FLASH ON CONTACT AREA
2.54um 100% MATTE TIN
ON TAIL

M=2.54um MATTE TIN ON CONTACT AREA
2.54um 100% MATTE TIN
ON TAIL

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

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: 4.7 mm STACK HEIGHT= 59202-XXX-XX-047.
MINIMUM STACK HEIGHT IS 4.00mm.

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.

9. P/N:59202-XXXLF IS SAME AS 59202-XXX. THE SUFFIX 'LF'
IS ADDED JUST 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.

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

dr	wcadmin	2010/11/01	projection	MM	size	A3	scale	10:1	
eng	Guo-Min Sun	2014/04/01			ecn no	ELX-N-17365-1			
chr	-	-							
appr	Rick Bian	2014/04/02	product family		MINITEK		rel level		Released
	title	2.00MM UNSHROUDED HEADER BOARD TO BOARD SMT			dwg no	59202		rev	M
www.fci.com		cat. no.	-	Product - Customer Drw				sheet 2 of 2	