

1

2

3

4

A

B

C

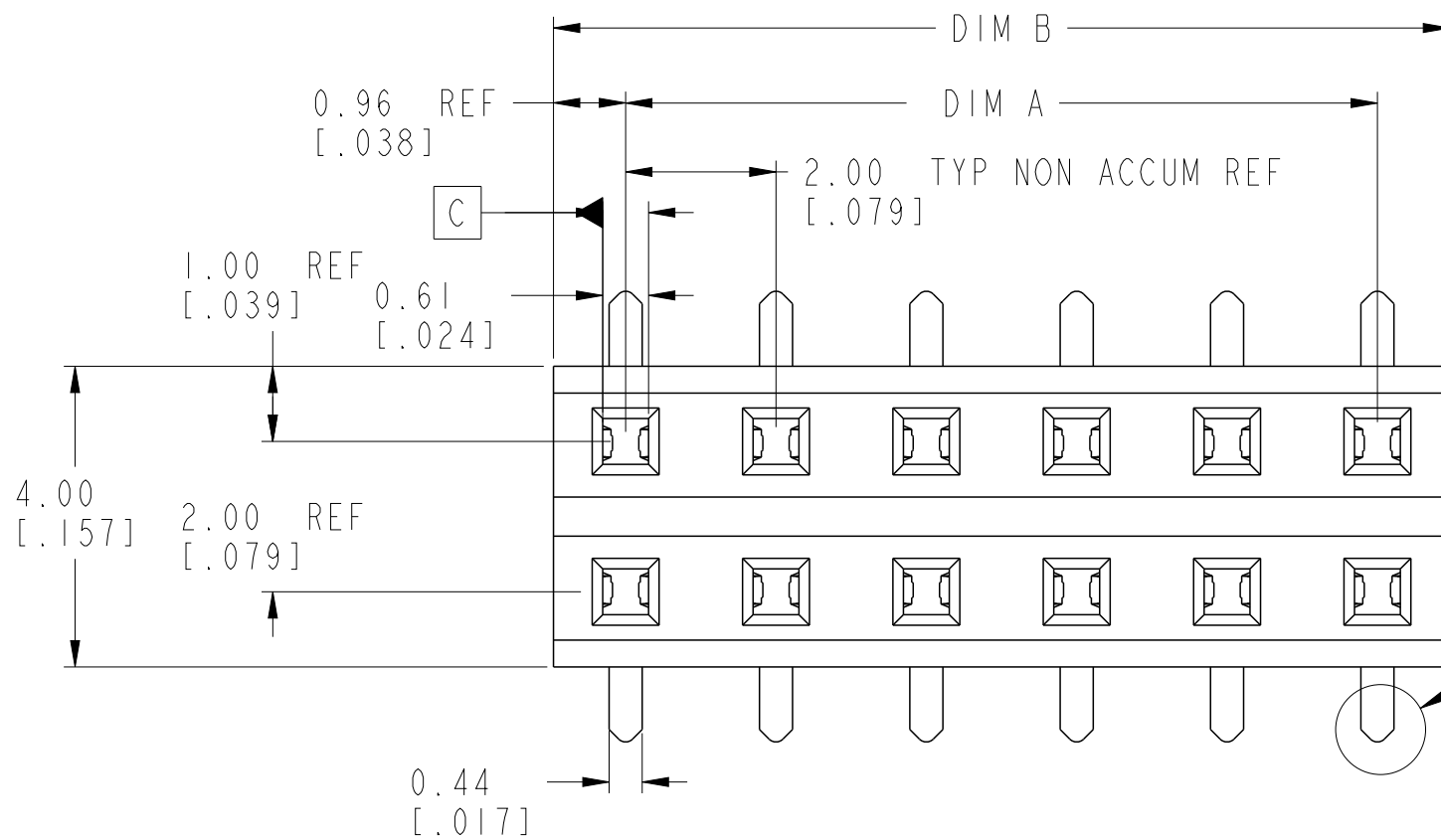
D

A

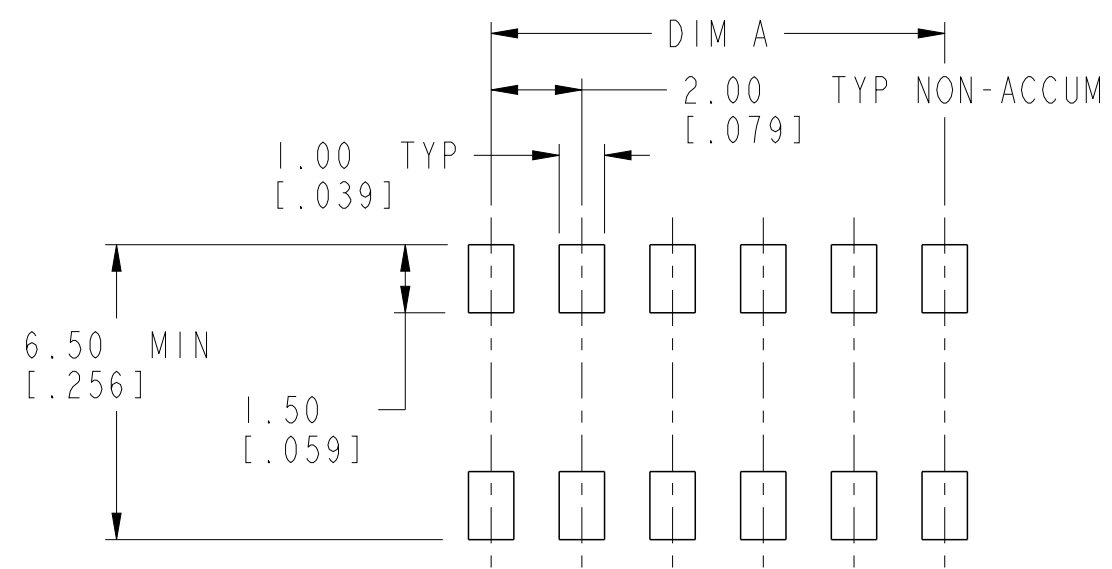
B

C

D



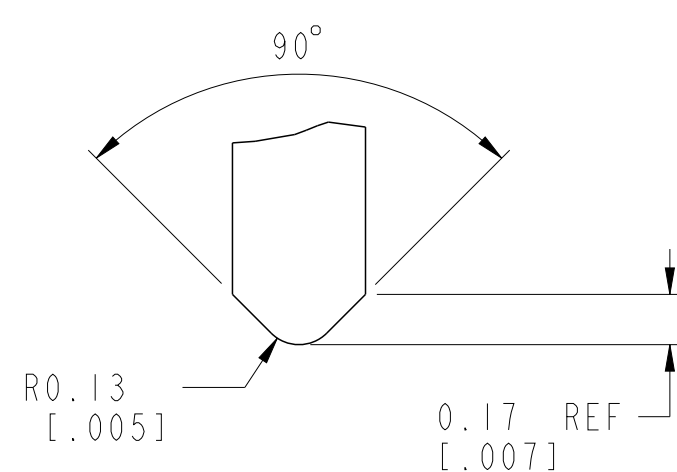
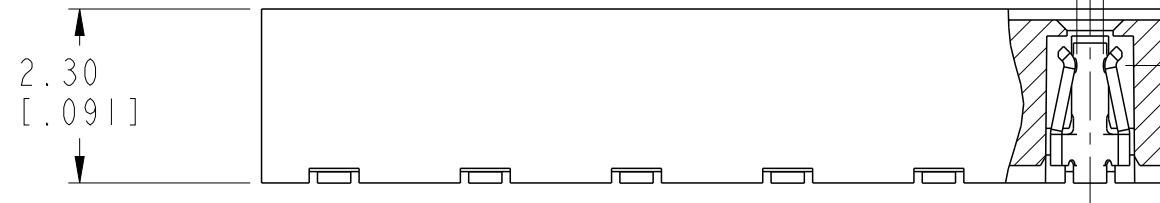
DETAIL A
NOTE 4



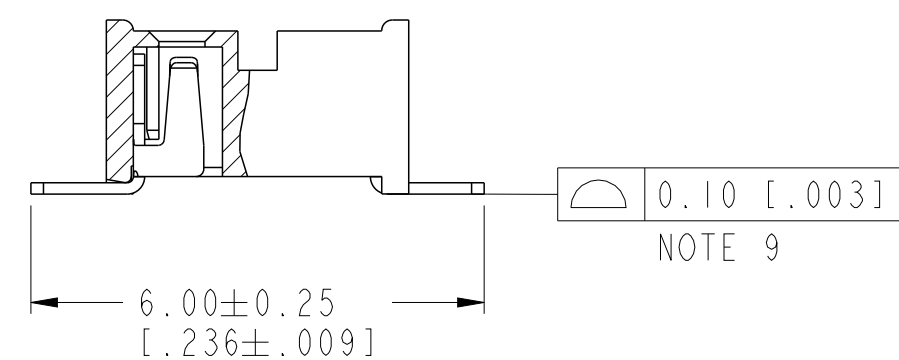
RECOMMENDED PCB LAYOUT

\varnothing 0.20 [.007] (S) C (S)

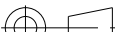



0.75 REF
[.029]



DETAIL A
SCALE 40:1



Copyright FCI.

spec ref -				dr Andrew Yong 2010/10/20		projection 	MM / INCH 	size A3	scale 3:1
tolerance std ISO 406 ISO 1101				eng Guo-Min Sun 2013/12/11				ecn no ELX-N-16502-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr - -				rel level Released	
appr Rick Bian 2013/12/12				product family -					
surface  ISO 1302	linear	0.X	±0.3		title LOW PROFILE VCC 2.3 TOP ENTRY SMT ASSY	dwg no 55508	rev J		
		0.XX	±.13						
		0.XXX	±.051						
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 1 of 2

2

3

	1		2		3	4
	PRODUCT NO ⑤⑥	POSITIONS	DIM. A	DIM.B		
A	55508-X04	2 X 2	2.00 / .079	3.92 / .154		
	-X06	2 X 3	4.00 / .158	5.92 / .233		
	-X08	2 X 4	6.00 / .236	7.92 / .312		
	-X10	2 X 5	8.00 / .315	9.92 / .391		
	-X12	2 X 6	10.00 / .394	11.92 / .469		
	-X14	2 X 7	12.00 / .472	13.92 / .548		
	-X16	2 X 8	14.00 / .551	15.92 / .627		
	-X18	2 X 9	16.00 / .630	17.92 / .706		
B	-X20	2 X 10	18.00 / .709	19.92 / .784		
	-X22	2 X 11	20.00 / .787	21.92 / .863		
	-X24	2 X 12	22.00 / .866	23.92 / .942		
	-X26	2 X 13	24.00 / .945	25.92 / 1.020		
	-X28	2 X 14	26.00 / 1.024	27.92 / 1.099		
	-X30	2 X 15	28.00 / 1.102	29.92 / 1.178		
	-X32	2 X 16	30.00 / 1.181	31.92 / 1.257		
	-X34	2 X 17	32.00 / 1.260	33.92 / 1.335		
C	-X36	2 X 18	34.00 / 1.339	35.92 / 1.414		
	-X38	2 X 19	36.00 / 1.417	37.92 / 1.493		
	-X40	2 X 20	38.00 / 1.496	39.92 / 1.572		
	-X42	2 X 21	40.00 / 1.575	41.92 / 1.650		
	-X44	2 X 22	42.00 / 1.654	43.92 / 1.729		
	-X46	2 X 23	44.00 / 1.732	45.92 / 1.808		
	-X48	2 X 24	46.00 / 1.811	47.92 / 1.887		
	-X50	2 X 25	48.00 / 1.890	49.92 / 1.965		

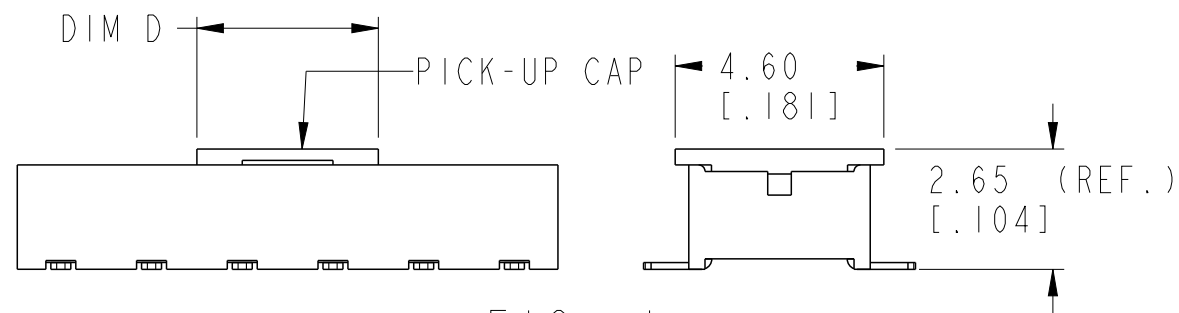


FIG. 1

DIM D=4.0 APPLY TO POS 2X2
DIM D=6.0 APPLY TO POS 2X3 ~ 2X25

NOTES:

1. HOUSING MAT'L : HIGH TEMP PLASTIC.
2. TERMINAL MAT'L : PHOSPHOR BRONZE.
3. TERMINAL RETENTION 0.5Kg/1.1 Lbs
4. 'V' CUT OPTIONAL - MANUFACTURING PROCESS OPTION.
5. SOLDER TAILS OF P/N:55508-XXX IS TIN/LEAD PLATED.
6. SOLDER TAILS OF P/N:55508-XXXLF IS 100% MATTE TIN PLATED.
7. PRODUCT DESCRIPTION CODE:

XXXXXX-XXXLF

LEAD FREE ⑥⑪
EXTENSION NUMBER
BASE NUMBER

8. PACKAGING:

- | | |
|------------------|---|
| (a) XXXXX-XXX | ---STD PACKAGING IN TUBE. |
| (b) XXXXX-XXXTR | ---TAPE AND REEL PACKAGING WITH PICK-UP CAP (SEE FIG 1). |
| (c) XXXXX-XXXTRN | ---TAPE AND REEL PACKAGING WITHOUT PICK-UP CAP. |
| (d) XXXXX-XXXTRS | ---TAPE AND REEL PACKAGING WITHOUT PICK-UP CAP.
(SOLDERTAILS ON TOP) |

9. CO-PLANARITY:

FROM POSITION - X04 THRU -X38 : 0.10 / .004
- X40 THRU -X50 : 0.12 / .005

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

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

PLATING OPTIONS OVER CONTACT AREA

0 = 0.05um/2u"Au
1 = 0.76um/30u"Au
3 = 0.38um/15u"Au
5 = 2.54um/100u"MATTE Tin
7 = 0.76um/30u"GXT
8 = 0.38um/15u"GXT

spec ref		-		dr		Andrew Yong		2010/10/20		projection		MM / INCH		size		A3		scale		3:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Guo-Min Sun		2013/12/11						ecn no		ELX-N-16502-1							
chr				-		-																	
ISO 406				appr		Rick Bian		2013/12/12		product family		-		rel level						Released			
ISO 1101																							
surface		-		linear		0.X		±0.3				title		LOW PROFILE VCC 2.3		dwg no		55508		rev		J	
				0.XX		±.13																	
				0.XXX		±.051																	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 2							