

1

2

3

4

A

B

C

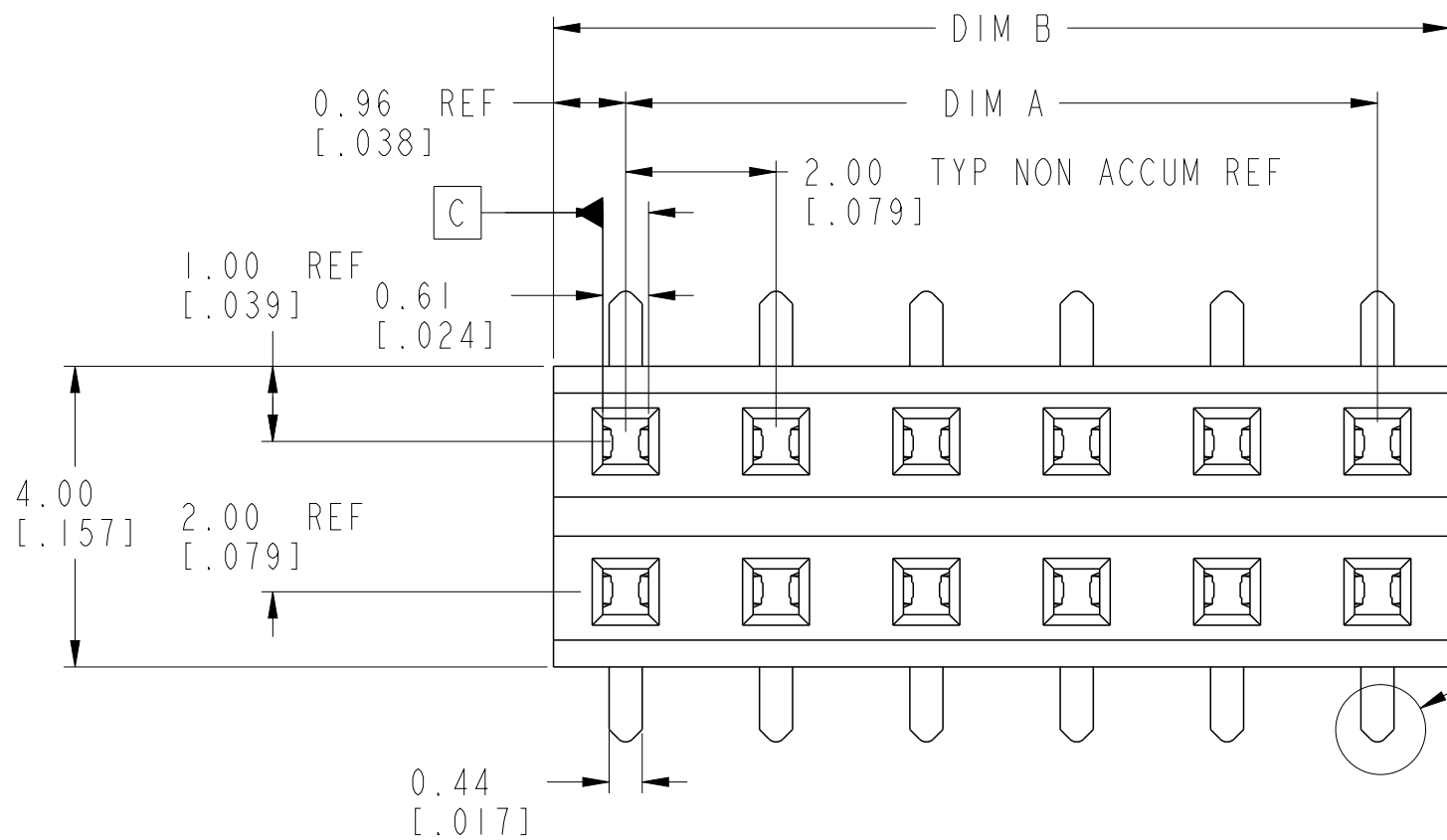
D

A

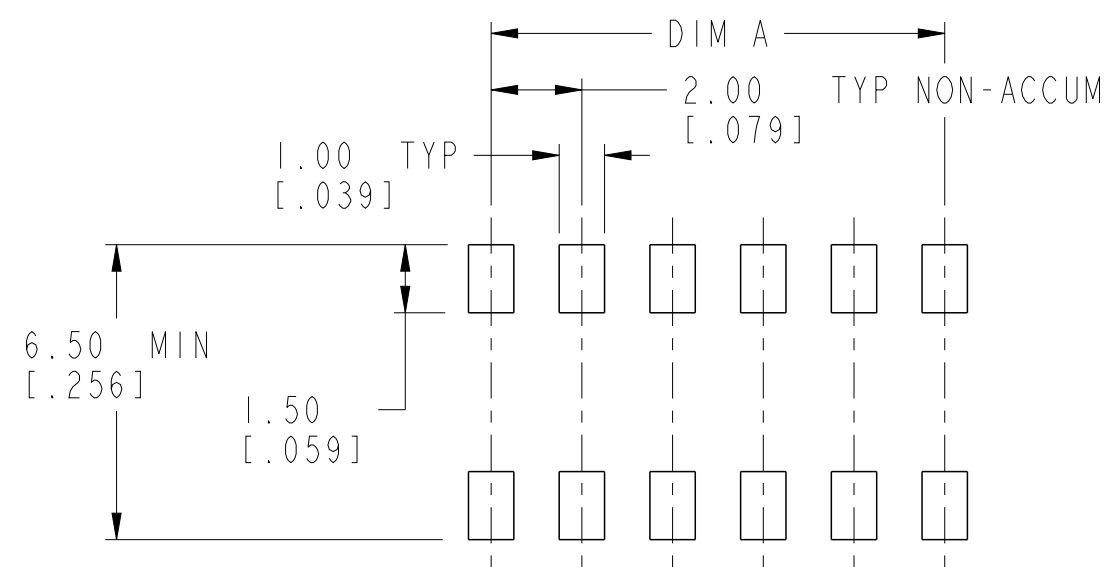
B

C

D



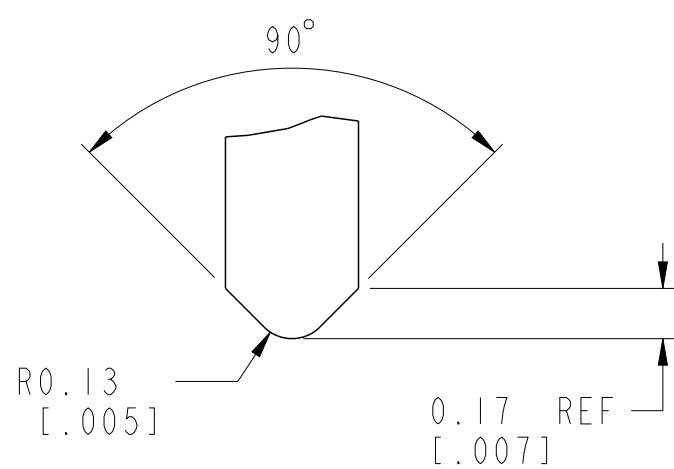
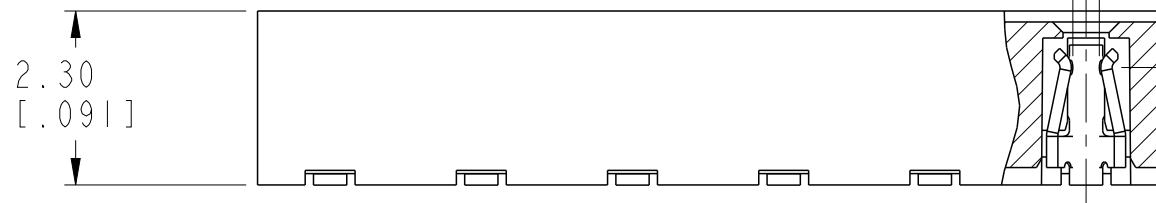
DETAIL A
NOTE 4



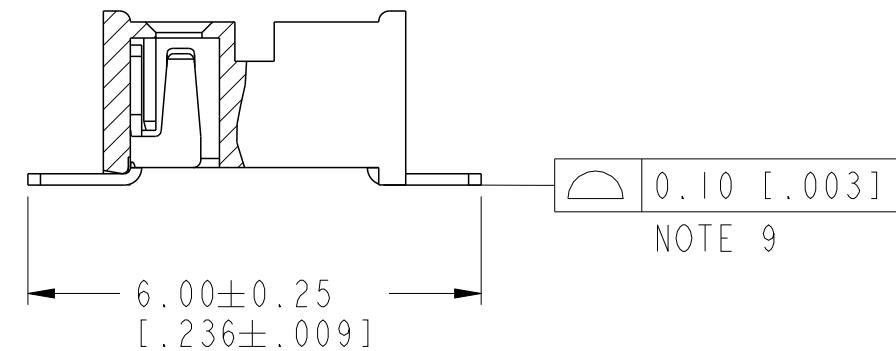
RECOMMENDED PCB LAYOUT

⌀ 0.20 [.007] (S) C (S)

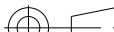
0.75 REF
[.029]



DETAIL A
SCALE 40:1



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spec ref -				dr Andrew Yong 2010/10/20		projection 	MM / INCH 	size A3	scale 3:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Guo-Min Sun 2013/12/11				ecn no ELX-N-16502-1	
				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						
www.fci.com				cat. no. -	Product - Customer Drw			sheet 1 of 2	

A	1		2		3		4	
	PRODUCT NO ⑤⑥	POSITIONS	DIM. A	DIM.B	NOTES:		PLATING OPTIONS OVER CONTACT AREA	
	55508-X04	2 X 2	2.00 / .079	3.92 / .154	1. HOUSING MAT'L : HIGH TEMP PLASTIC.		0 = 0.05um/2u"Au	
	-X06	2 X 3	4.00 / .158	5.92 / .233	2. TERMINAL MAT'L : PHOSPHOR BRONZE.		1 = 0.76um/30u"Au	
	-X08	2 X 4	6.00 / .236	7.92 / .312	3. TERMINAL RETENTION 0.5Kg/1.1 Lbs		3 = 0.38um/15u"Au	
	-X10	2 X 5	8.00 / .315	9.92 / .391	4. 'V' CUT OPTIONAL - MANUFACTURING PROCESS OPTION.		5 = 2.54um/100u"MATTE Tin	
	-X12	2 X 6	10.00 / .394	11.92 / .469	5. SOLDER TAILS OF P/N:55508-XXX IS TIN/LEAD PLATED.		7 = 0.76um/30u"GXT	
	-X14	2 X 7	12.00 / .472	13.92 / .548	6. SOLDER TAILS OF P/N:55508-XXXLF IS 100% MATTE TIN PLATED.		8 = 0.38um/15u"GXT	
	-X16	2 X 8	14.00 / .551	15.92 / .627	7. PRODUCT DESCRIPTION CODE:			
	-X18	2 X 9	16.00 / .630	17.92 / .706				
	-X20	2 X 10	18.00 / .709	19.92 / .784				
	-X22	2 X 11	20.00 / .787	21.92 / .863				
B	-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				
	-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				
C	-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				

- NOTES:
- HOUSING MAT'L : HIGH TEMP PLASTIC.
 - TERMINAL MAT'L : PHOSPHOR BRONZE.
 - TERMINAL RETENTION 0.5Kg/1.1 Lbs
 - 'V' CUT OPTIONAL - MANUFACTURING PROCESS OPTION.
 - SOLDER TAILS OF P/N:55508-XXX IS TIN/LEAD PLATED.
 - SOLDER TAILS OF P/N:55508-XXXLF IS 100% MATTE TIN PLATED.
 - PRODUCT DESCRIPTION CODE:
XXXXXX-XXXLF
LEAD FREE ⑥⑪
EXTENSION NUMBER
BASE NUMBER
 - 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)
 - CO-PLANARITY:
FROM POSITION - X04 THRU -X38 : 0.10 / .004
- X40 THRU -X50 : 0.12 / .005
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

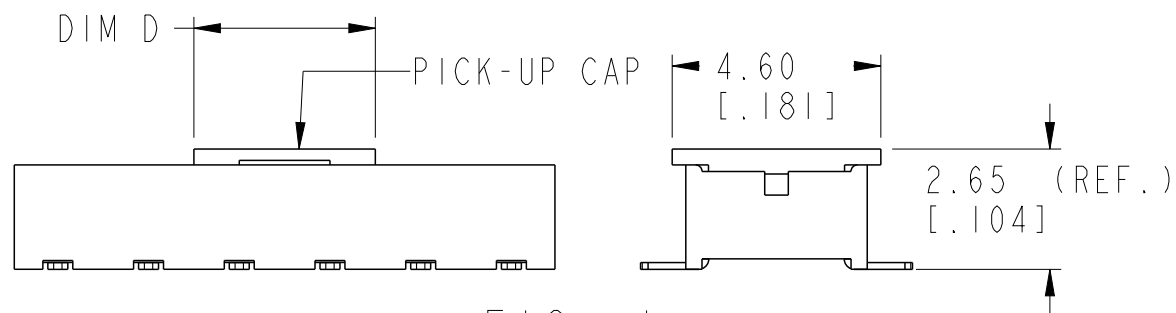


FIG. 1

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

spec ref -			dr Andrew Yong		2010/10/20		projection 	MM / INCH 	size A3	scale 3:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Guo-Min Sun		2013/12/11				ecn no ELX-N-16502-1	
			chr -		-					
			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 2 of 2		