

1

2

3

4

A

B

C

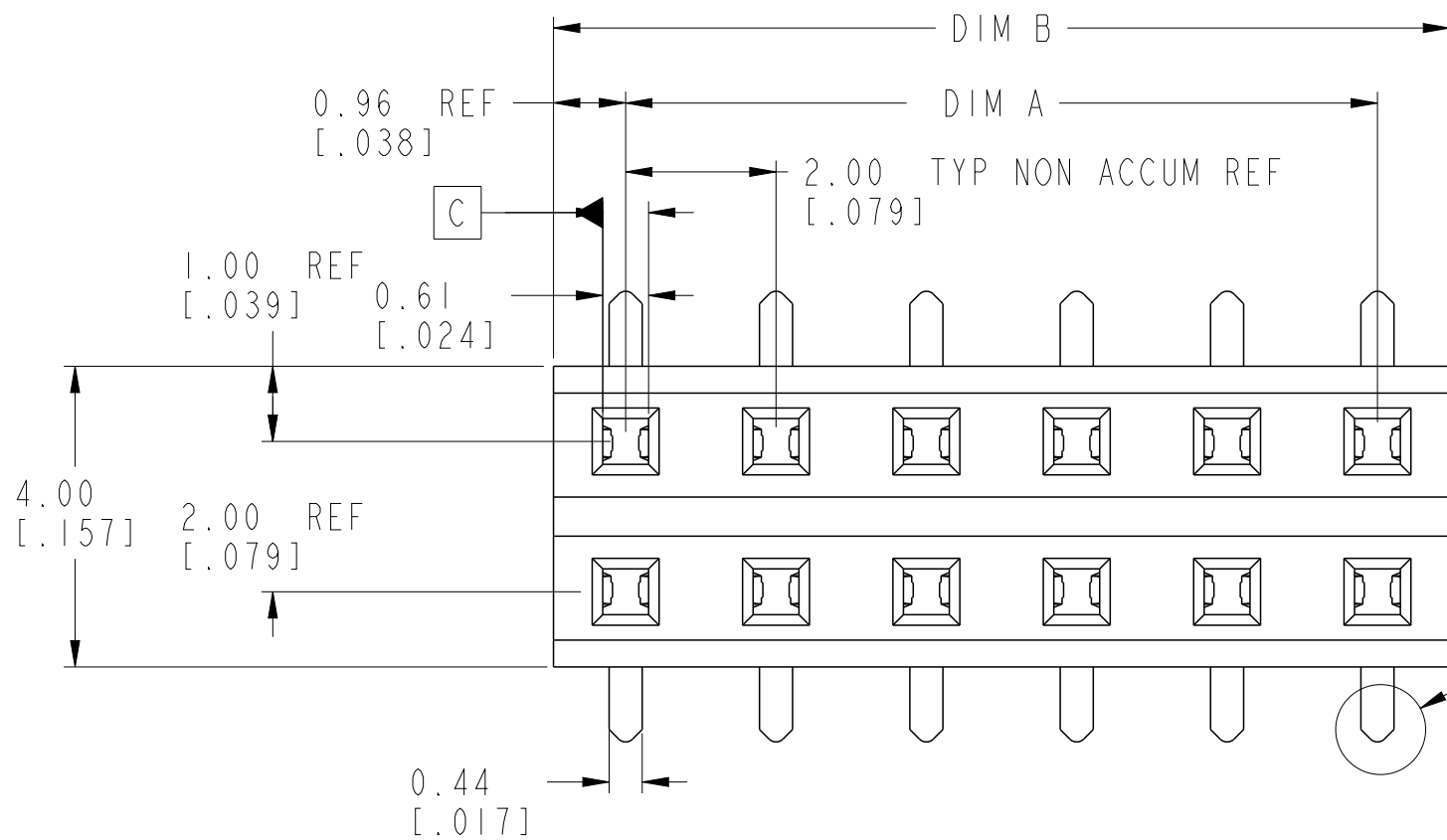
D

A

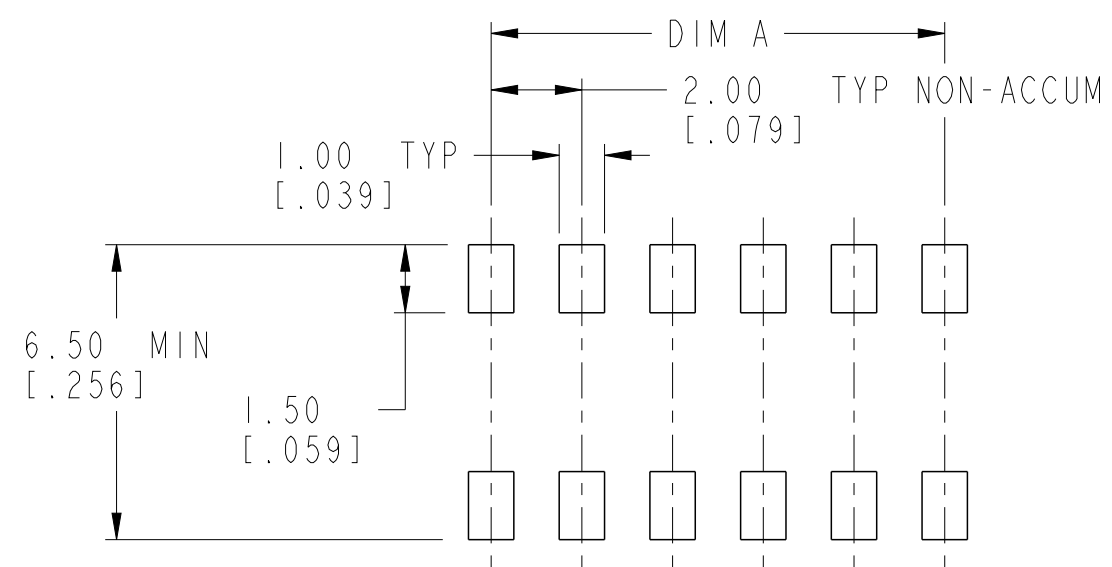
B

C

D



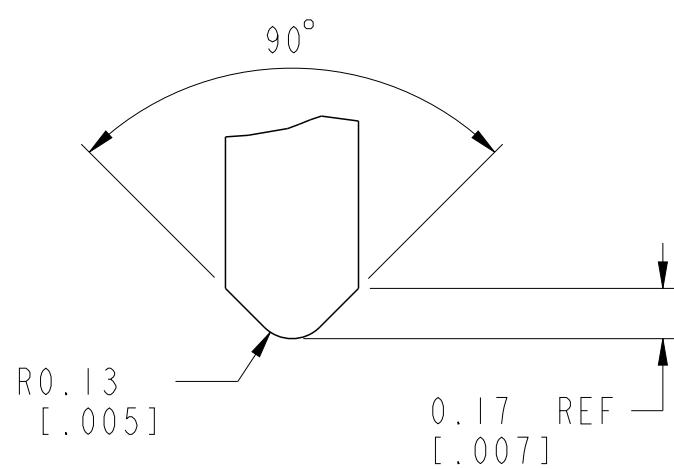
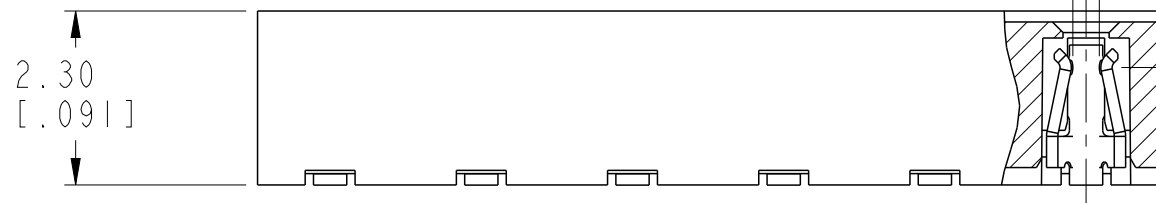
DETAIL A
NOTE 4



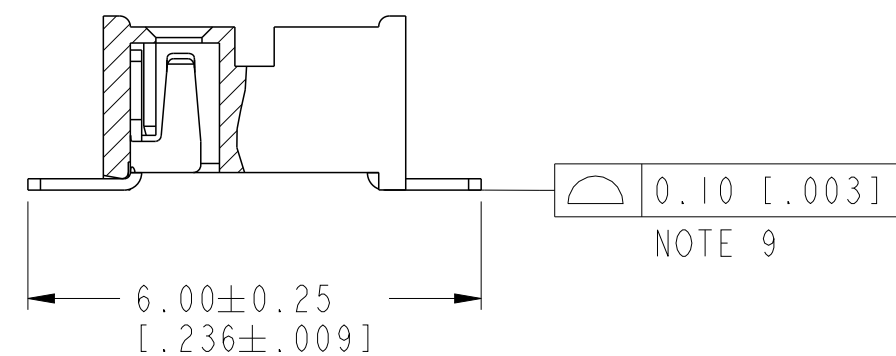
RECOMMENDED PCB LAYOUT

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

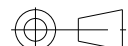
0.75 REF
[.029]



DETAIL A
SCALE 40:1



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

1		2		3		4		
PRODUCT NO ⑤⑥	POSITIONS	DIM. A	DIM.B	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	
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					
-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					
-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					

DIM D

PICK-UP CAP

4.60
[.181]

2.65 (REF.)
[.104]

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 -	rel level Released		
surface ☒ ISO 1302	linear	0.X	±0.3	FCI	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