

1

2

3

4

A

B

C

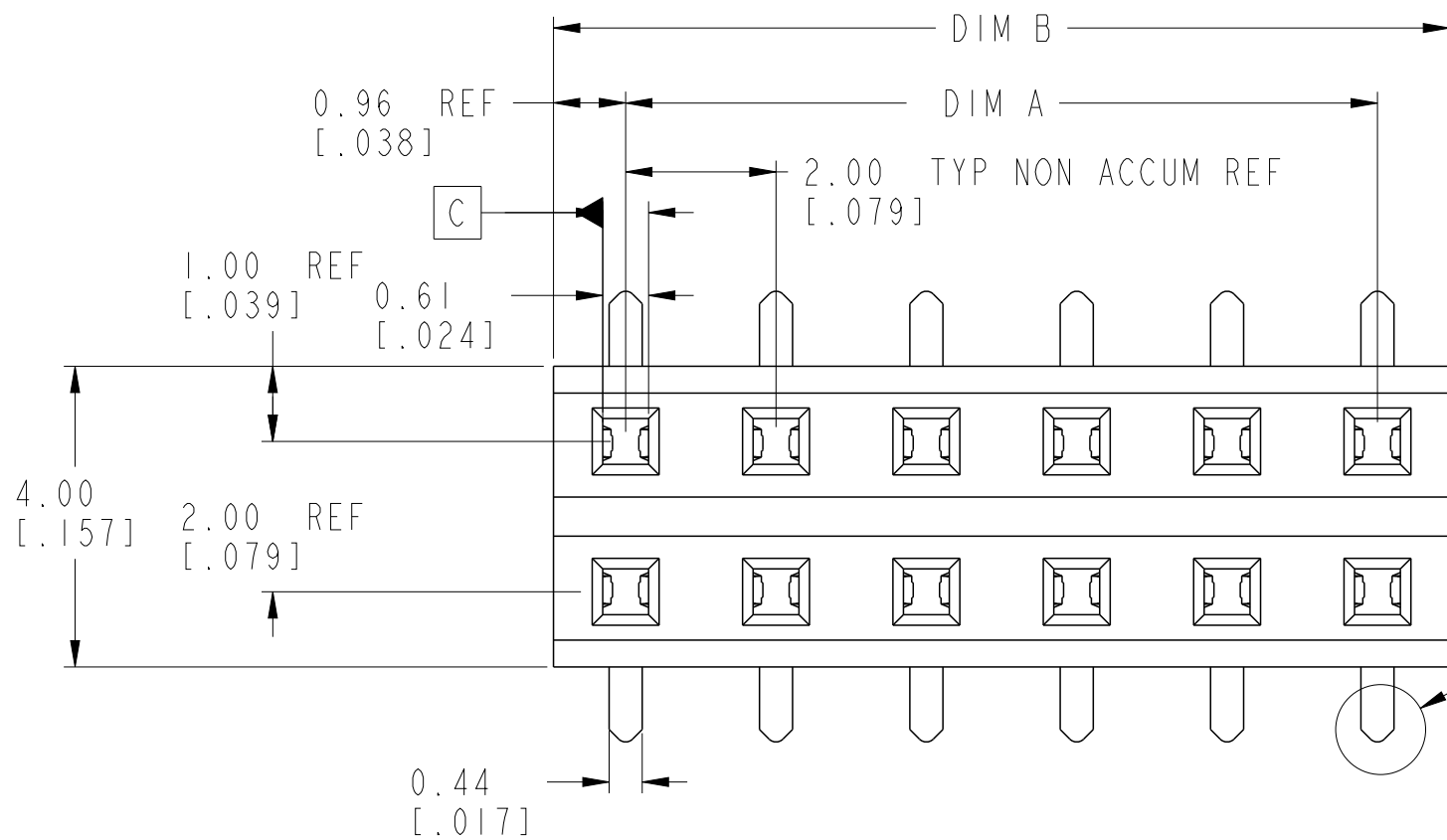
D

A

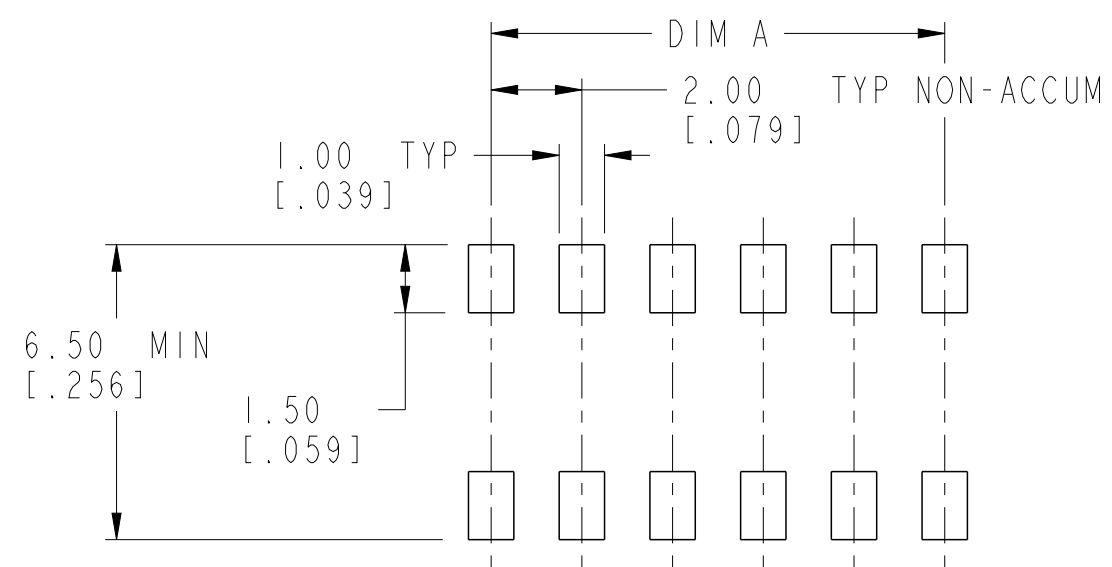
B

C

D



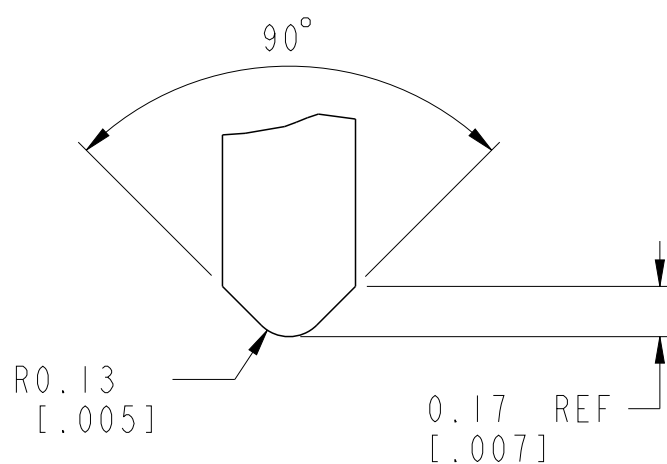
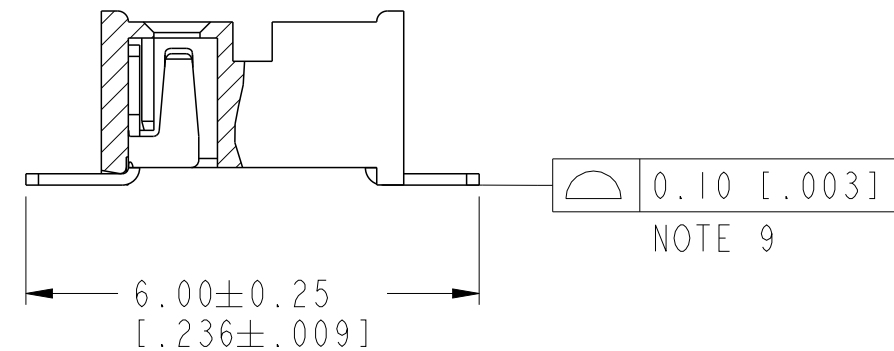
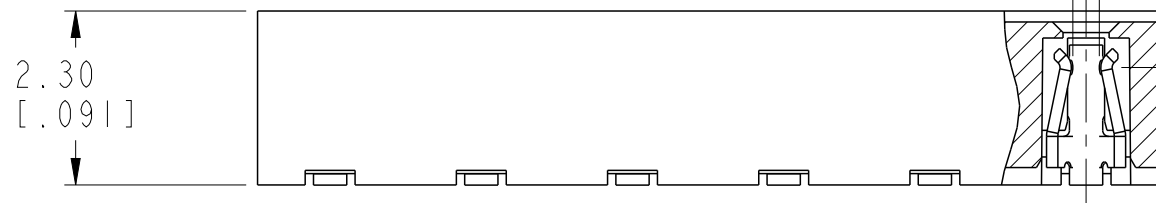
DETAIL A
NOTE 4



RECOMMENDED PCB LAYOUT

⌀ 0.20 [.007] (S) C (S)

0.75 REF
[.029]



DETAIL A
SCALE 40:1

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							
ISO 406				chr		-		-															
ISO 1101				appr		Rick Bian		2013/12/12						product family		-		rel level					
surface				linear		0.X		±0.3				title		LOW PROFILE VCC 2.3		dwg no		55508		rev		J	
ISO 1302				0.XX		±.13		TOP ENTRY SMT ASSY															
angular				0°		±2°		www.fci.com															

2

3

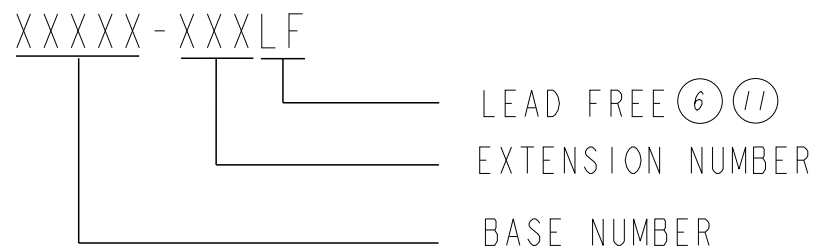
PDS: Rev :J

STATUS:Released

Printed: Dec 12, 2013

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				
D								

- 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:



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.

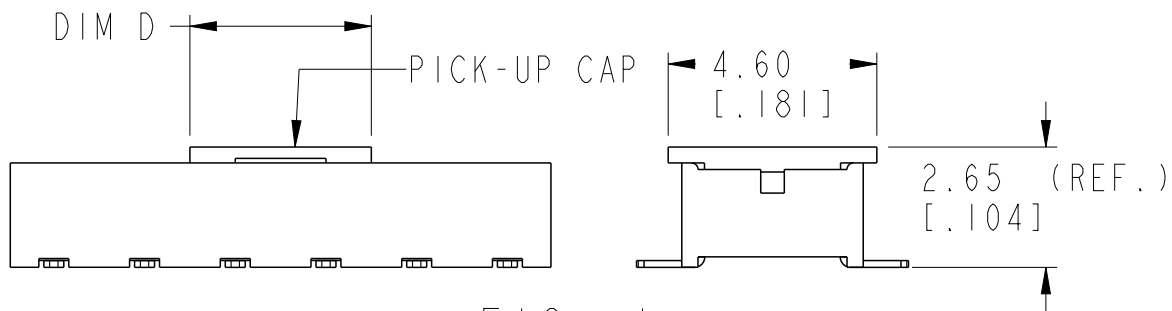


FIG. 1

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			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	