

1

2

3

4

A

B

C

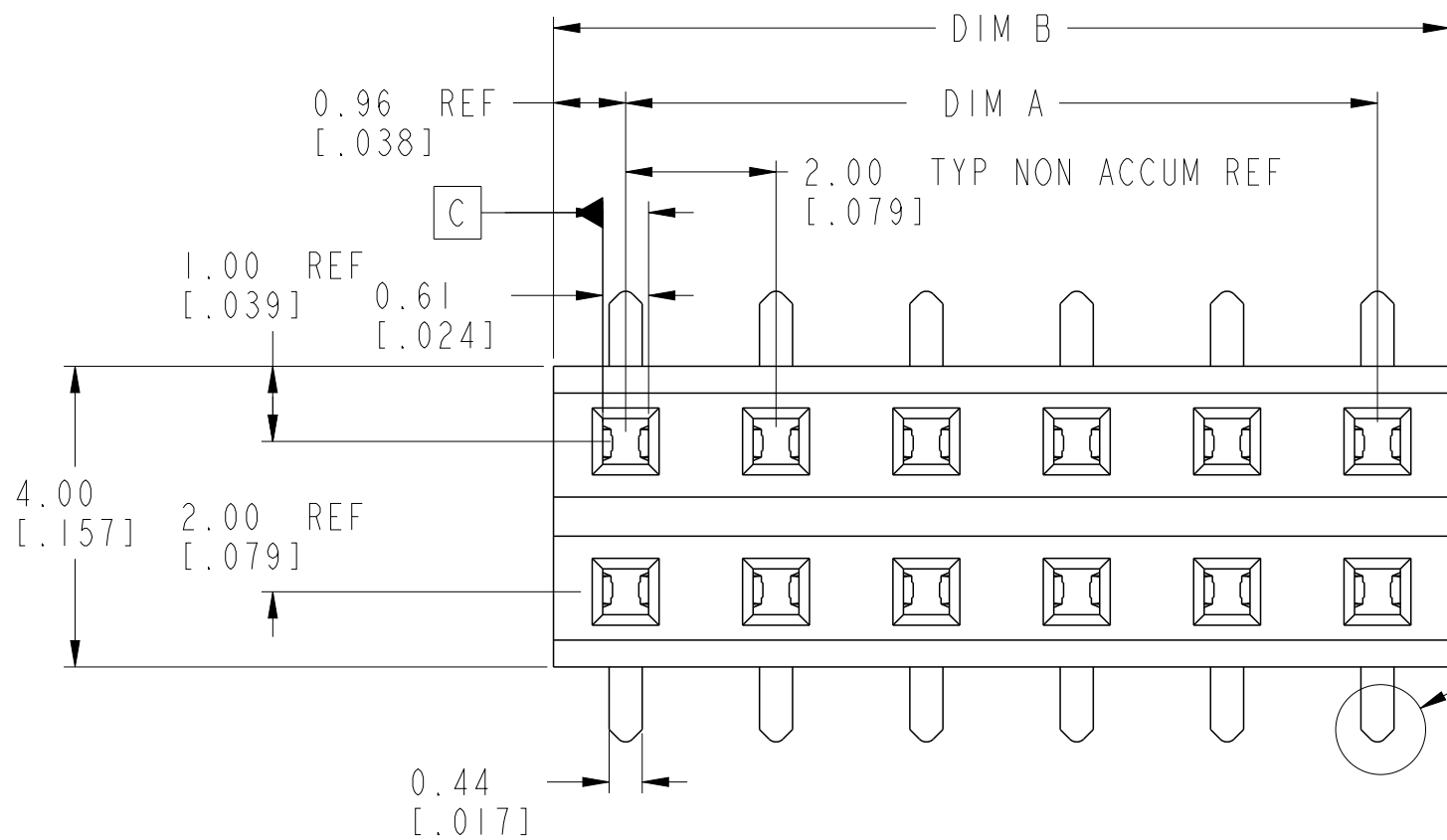
D

A

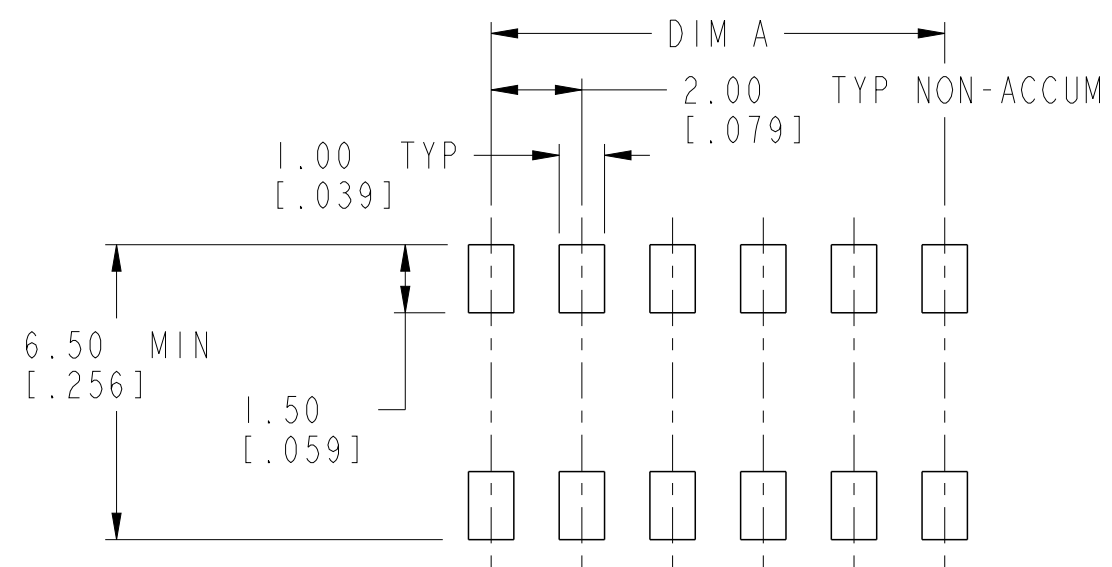
B

C

D



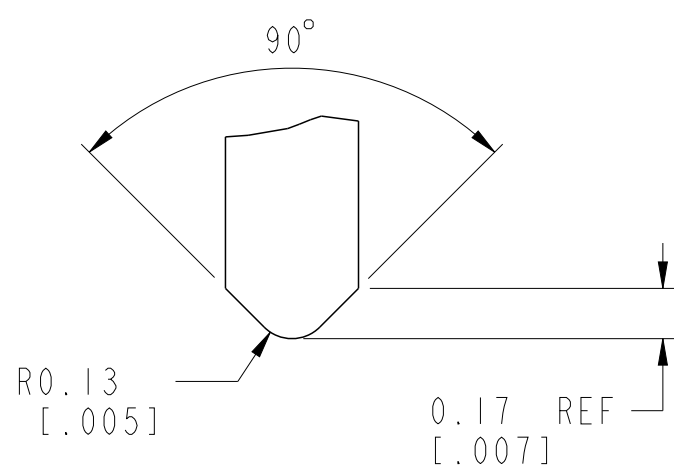
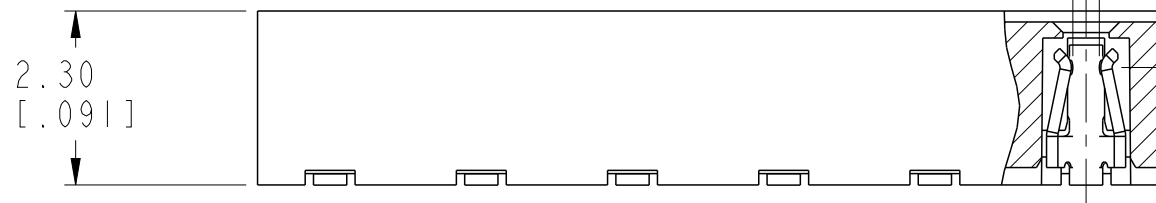
DETAIL A
NOTE 4



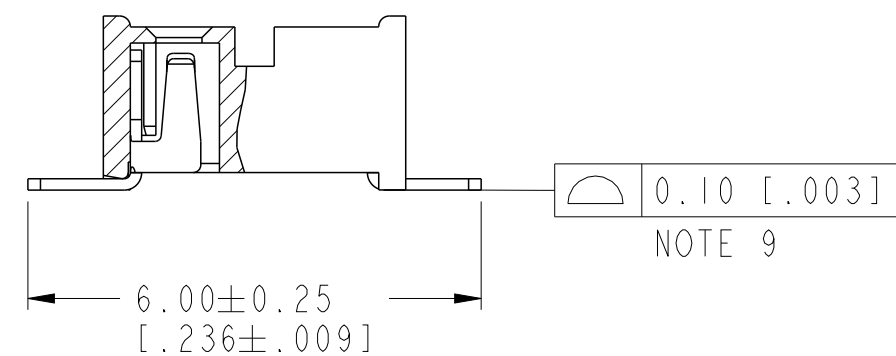
RECOMMENDED PCB LAYOUT

⌀ 0.20 [.007] (S) C (S)

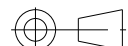
0.75 REF
[.029]



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				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				TOP ENTRY SMT ASSY						
		0.XXX ±.051										
	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				<table><tr><td>spec ref</td><td>-</td><td>dr</td><td>Andrew Yong</td><td>2010/10/20</td><td>projection</td><td>MM / INCH</td><td>size</td><td>A3</td><td>scale</td><td>3:1</td></tr><tr><td>tolerance std</td><td>ISO 406 ISO 1101</td><td>eng</td><td>Guo-Min Sun</td><td>2013/12/11</td><td>chr</td><td>-</td><td>ecn no</td><td colspan="3">ELX-N-16502-1</td></tr><tr><td></td><td>TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>appr</td><td>Rick Bian</td><td>2013/12/12</td><td>product family</td><td>-</td><td>rel level</td><td colspan="3">Released</td></tr><tr><td>surface</td><td>ISO 1302</td><td>linear</td><td>0.X ±0.3 0.XX ±.13 0.XXX ±.051</td><td>angular</td><td>0° ±2°</td><td>title</td><td colspan="2">LOW PROFILE VCC 2.3 TOP ENTRY SMT ASSY</td><td>dwg no</td><td>55508</td></tr><tr><td colspan="2"></td><td>www.fci.com</td><td>cat. no.</td><td>-</td><td>Product - Customer Drw</td><td colspan="5">sheet 2 of 2</td></tr></table>				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	chr	-	ecn no	ELX-N-16502-1				TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Rick Bian	2013/12/12	product family	-	rel level	Released			surface	ISO 1302	linear	0.X ±0.3 0.XX ±.13 0.XXX ±.051	angular	0° ±2°	title	LOW PROFILE VCC 2.3 TOP ENTRY SMT ASSY		dwg no	55508			www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 2				
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Pro/E File - REV C - 2009-06-09

PDS: Rev :J

STATUS:Released

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