

Copyright FCI.



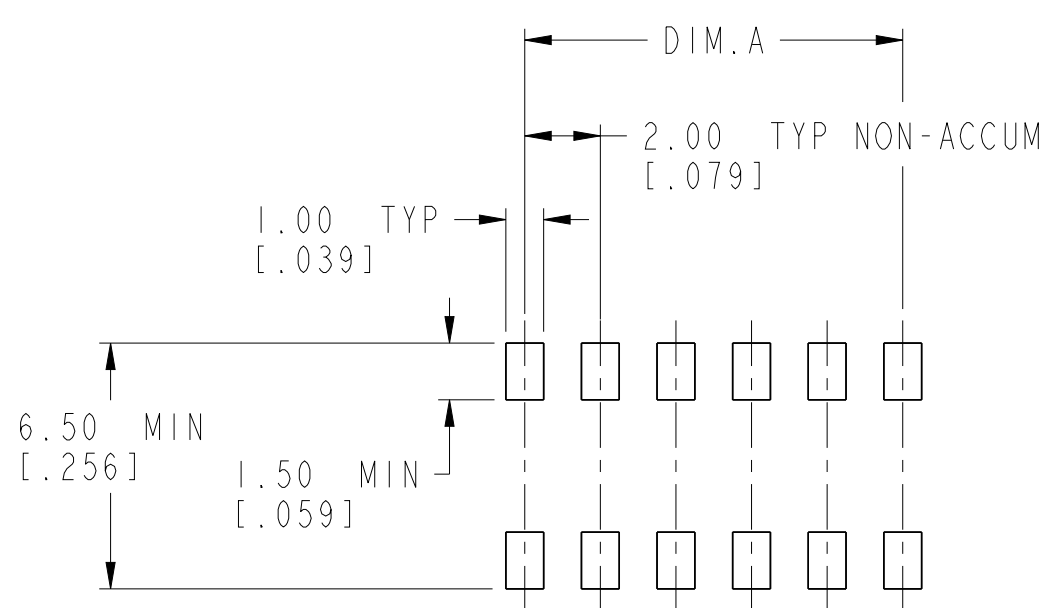
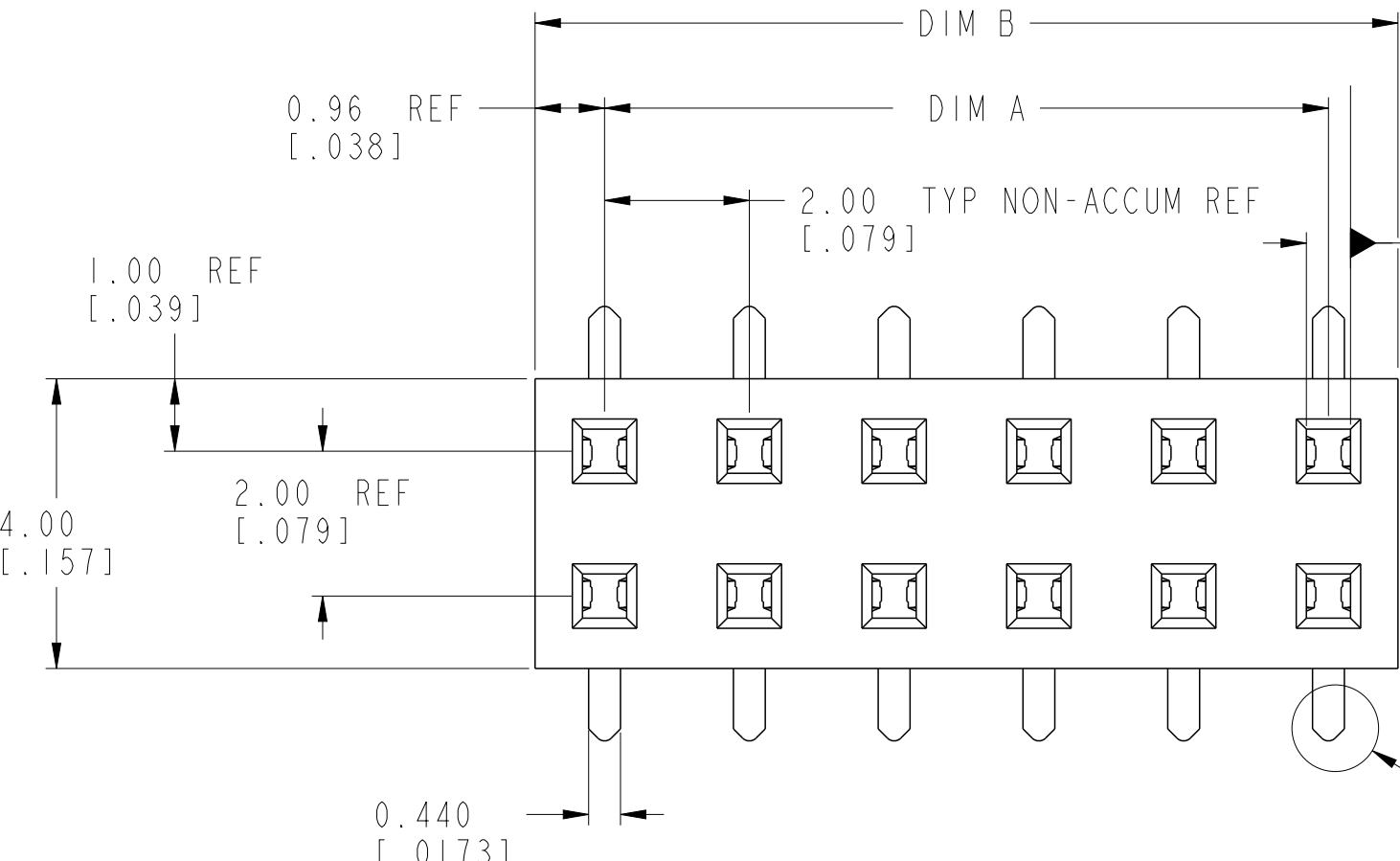
FCI

Copyright FCI.

FCI

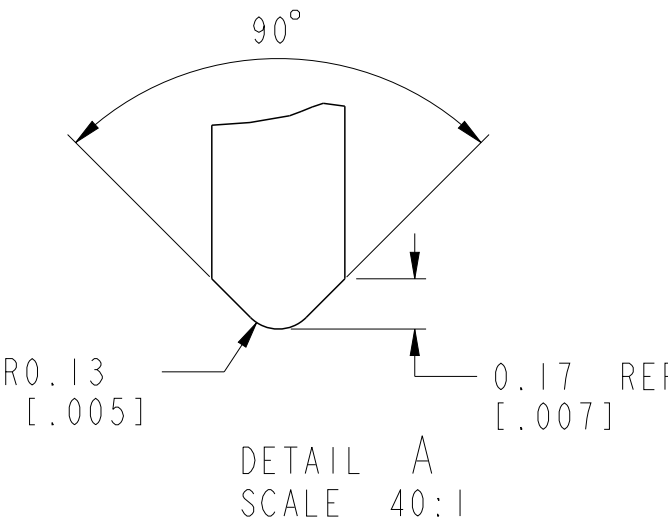
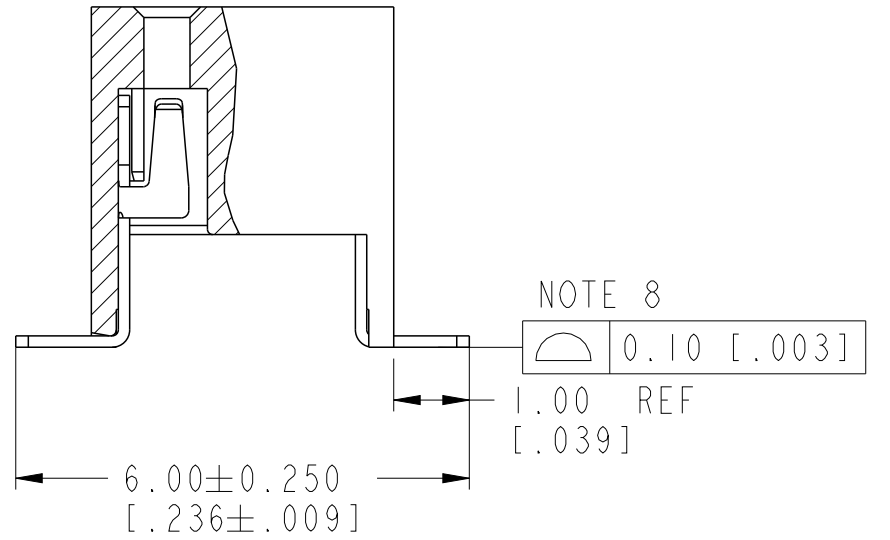
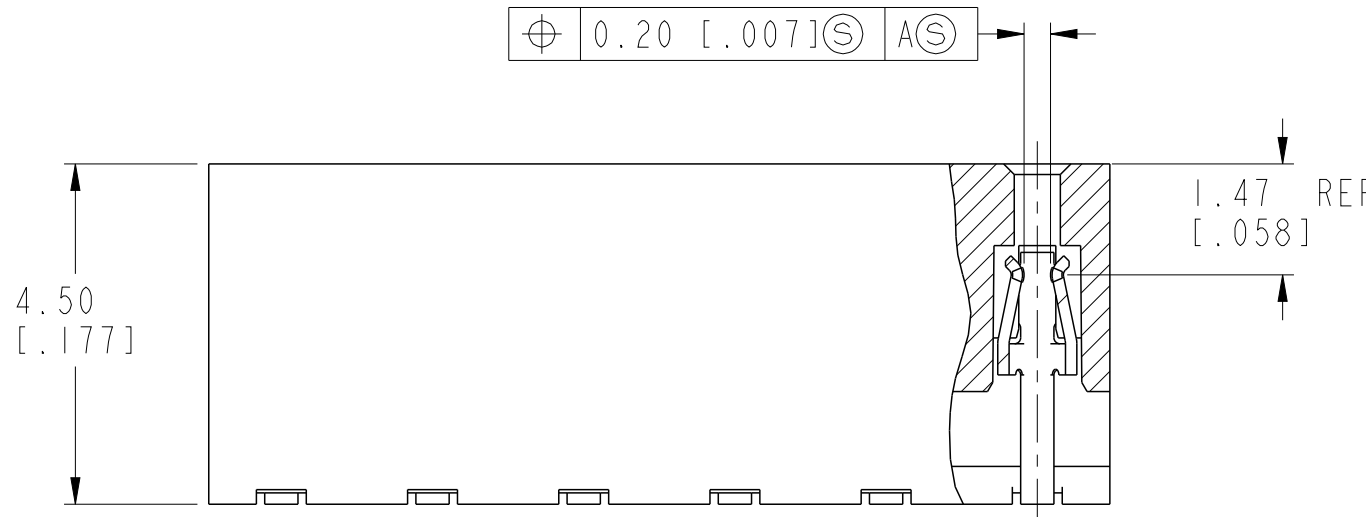
Copyright FCI.

FCI



RECOMMENDED PCB LAYOUT

DETAIL A
SEE NOTE 4



DETAIL A
SCALE 40:1

spec ref	-	dr	Andrew Yong	2010/10/14	projection	MM / INCH	size	A3	scale	10:1
tolerance std	ISO 406 ISO 1101	eng	Su-Hua Miao	2013/01/01	chr	-	ecn no	ELX-N-13781-1	rel level	Released
surface	✓	appr	Rick Bian	2013/01/01	product family	LPVCC	dwg no	55510	rev	H
ISO 1302	linear	0.X	±0.3	0.XX	±0.13	0.XXX	±0.051	angular	0°	±2°
title	LPVCC	4.5 TOP ENTRY SMT ASSY	cat. no.	-	Product - Customer Drw	sheet 1 of 3				



Copyright FCI.

D

1		2			3	4
PRODUCT NO		PRODUCT NO	POSITIONS	DIM. A	DIM.B	PLATING OPTIONS OVER CONTACT AREA
A	55510-X04 SEE NOTE 5 ▲	55510-X04LF SEE NOTE 6 & ▲	2 X 2	2.00 / .079	3.92 / .154	0 = 0.05um/2u"Au
	55510-X06	55510-X06LF	2 X 3	4.00 / .158	5.92 / .233	1 = 0.76um/30u"Au
	55510-X08	55510-X08LF	2 X 4	6.00 / .236	7.92 / .312	3 = 0.38um/15u"Au
	55510-X10	55510-X10LF	2 X 5	8.00 / .315	9.92 / .391	5 = 2.54um/100u"100% MATTE TIN
	55510-X12	55510-X12LF	2 X 6	10.00 / .394	11.92 / .469	7 = 0.76um/30u"GXT
	55510-X14	55510-X14LF	2 X 7	12.00 / .472	13.92 / .548	8 = 0.38um/15u"GXT
	55510-X16	55510-X16LF	2 X 8	14.00 / .551	15.92 / .627	
	55510-X18	55510-X18LF	2 X 9	16.00 / .630	17.92 / .706	
	55510-X20	55510-X20LF	2 X 10	18.00 / .709	19.92 / .784	
	55510-X22	55510-X22LF	2 X 11	20.00 / .787	21.92 / .863	
B	55510-X24	55510-X24LF	2 X 12	22.00 / .866	23.92 / .942	
	55510-X26	55510-X26LF	2 X 13	24.00 / .945	25.92 / 1.020	
	55510-X28	55510-X28LF	2 X 14	26.00 / 1.024	27.92 / 1.099	
	55510-X30	55510-X30LF	2 X 15	28.00 / 1.102	29.92 / 1.178	
	55510-X32	55510-X32LF	2 X 16	30.00 / 1.181	31.92 / 1.257	
	55510-X34	55510-X34LF	2 X 17	32.00 / 1.260	33.92 / 1.335	
	55510-X36	55510-X36LF	2 X 18	34.00 / 1.339	35.92 / 1.414	
	55510-X38	55510-X38LF	2 X 19	36.00 / 1.417	37.92 / 1.493	
	55510-X40	55510-X40LF	2 X 20	38.00 / 1.496	39.92 / 1.572	
	55510-X42	55510-X42LF	2 X 21	40.00 / 1.575	41.92 / 1.650	
C	55510-X44	55510-X44LF	2 X 22	42.00 / 1.654	43.92 / 1.729	
	55510-X46	55510-X46LF	2 X 23	44.00 / 1.732	45.92 / 1.808	
	55510-X48	55510-X48LF	2 X 24	46.00 / 1.811	47.92 / 1.887	
	55510-X50 SEE NOTE 5 ▼	55510-X50LF SEE NOTE 6 & ▼	2 X 25	48.00 / 1.890	49.92 / 1.965	
D						

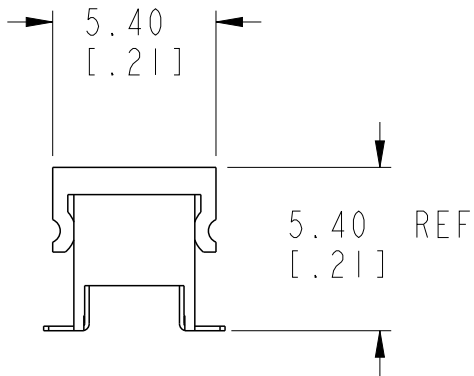
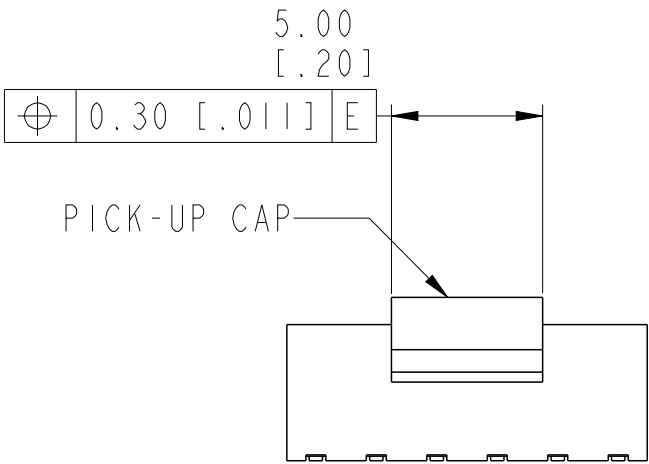


FIG 1
NOTE 7(b)

dr	Andrew Yong	2010/10/14	projection 	size	A3	scale	10:1
eng	Su-Hua Miao	2013/01/01		ecn no	ELX-N-13781-1		
chr	-	-		rel level	Released		
appr	Rick Bian	2013/01/01	product family	LPVCC			
		title LPVCC 4.5 TOP ENTRY SMT ASSY			dwg no	55510	
www.fci.com		cat. no.	-	Product - Customer Drw			rev H
					sheet 2 of 3		

NOTES:

1. HOUSING MATERIAL : HIGH TEMP PLASTIC.

2. TERMINAL MATERIAL : PHOSPHOR BRONZE.

3. TERMINAL RETENTION 0.5Kg/1.1 Lbs

④ 'V' CUT OPTIONAL - MANUFACTURING PROCESS OPTION.

⑤ USE TIN/LEAD PLATED SOLDER TAILS.

⑥ USE 100% MATTE TIN PLATED SOLDER TAILS

⑦ PRODUCT DESCRIPTION CODE:

XXXXX-X XXLF

LEAD FREE (SEE NOTE 6 & 11)

TOTAL POSITIONS

PLATING AT CONTACT AREA

BASE NUMBER

⑧ PACKAGING:

(a) XXXXX-XXX

---STD PACKAGING IN TUBE.

(b) XXXXX-XXXTR

---TAPE AND REEL PACKAGING WITH
PICK-UP CAP. (FIG 1)

(c) XXXXX-XXXTRN

---TAPE AND REEL PACKAGING WITHOUT
PICK-UP CAP.

9. CO-PLANARITY:
FROM POSITION

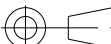
- X04 THRU -X38 : 0.10 / .004

- X40 THRU -X50 : 0.12 / .005

10. PRODUCT SPECIFICATION: GS-12-008

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

⑫ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

dr	Andrew Yong	2010/10/14	projection 	MM / INCH 	size	A3	scale	10:1
eng	Su-Hua Miao	2013/01/01			ecn no	ELX-N-13781-1		
chr	-	-				rel level		
appr	Rick Bian	2013/01/01	product family		LPVCC	Released		
			title		LPVCC		rev	
			4.5 TOP ENTRY SMT ASSY		dwg no		55510	
							H	
www.fci.com			cat. no.		-		Product - Customer Drw	
							sheet 3 of 3	