



Copyright FCI.

A

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C

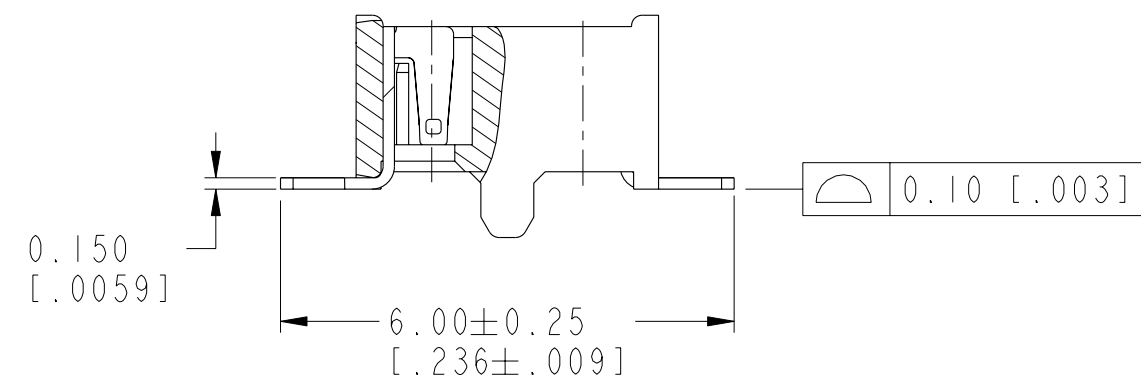
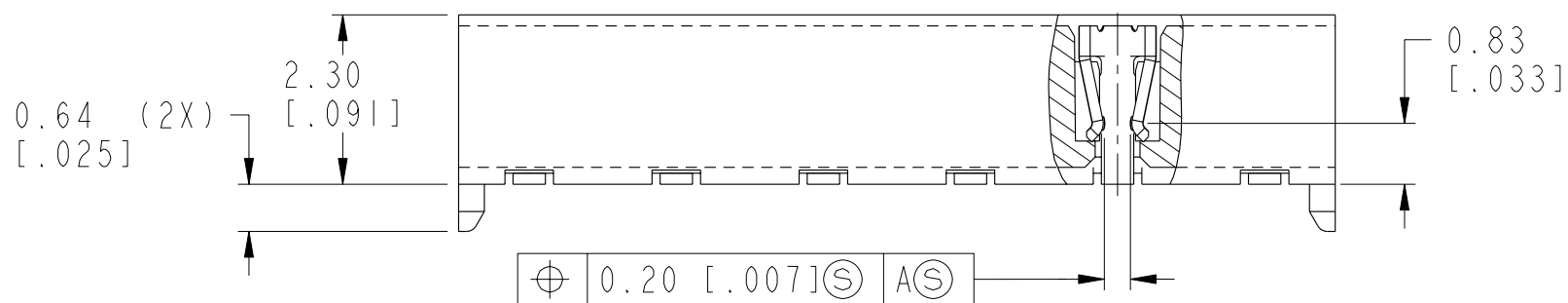
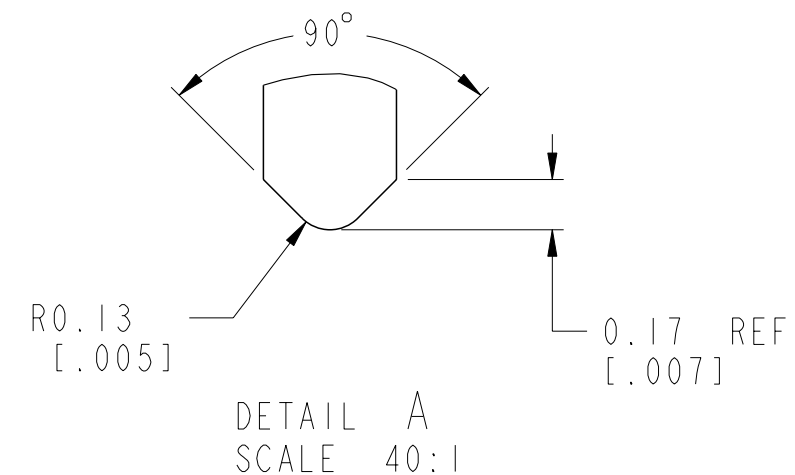
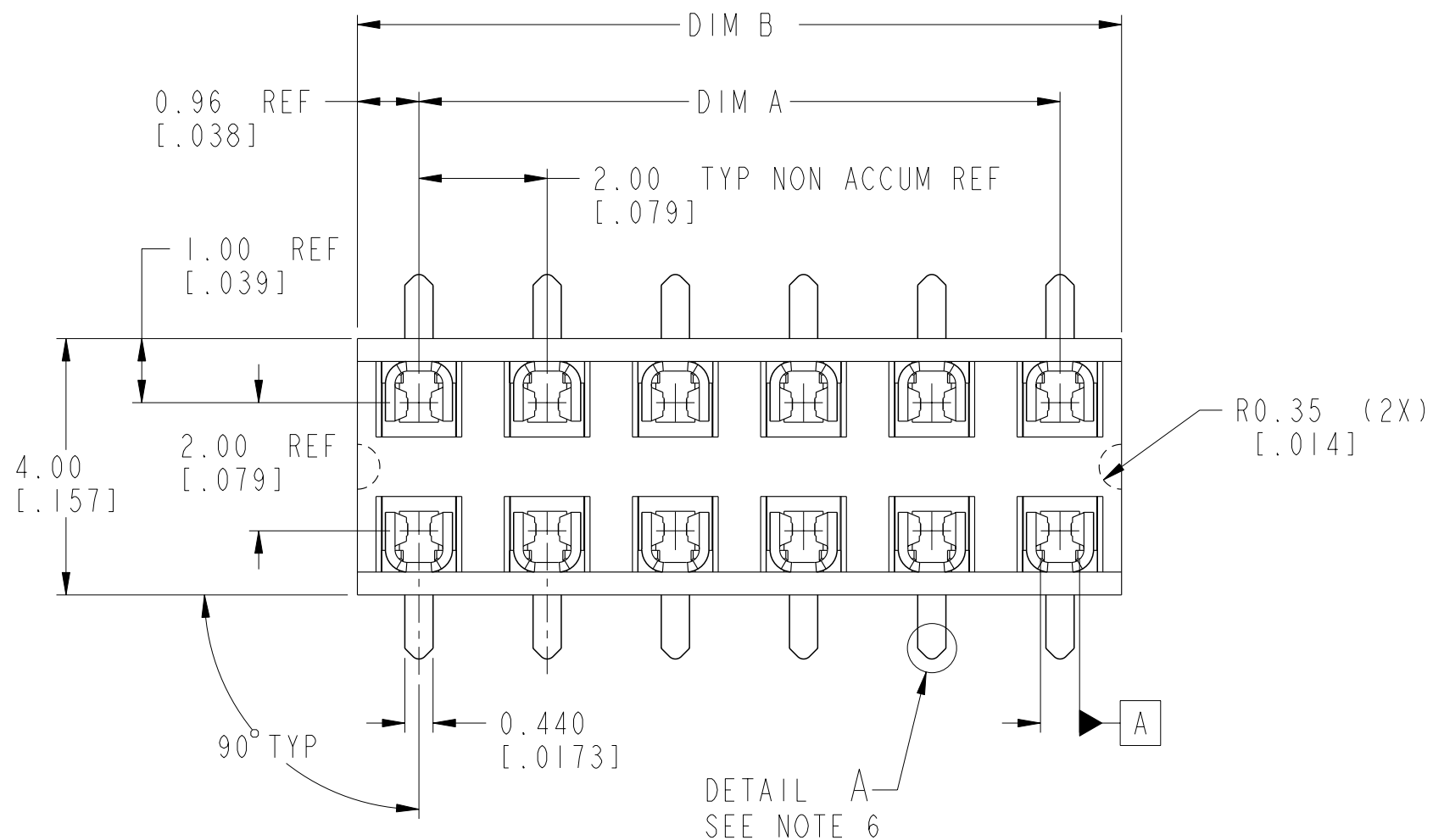
D

A

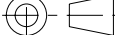
B

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D



rev	ecn no	dr	date
F	S10116	JPEH	2001-08-31
G	S03-0043	JPEH	2003-03-21
H	S03-0189	JPEH	2003-12-05
J	S05-0045	KBM	2005-02-18
K	S10-0207	AK	2010-01-07
-	-	-	-
-	-	-	-

www.fciconnect.com			surface - ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM / INCH 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	JPEH	2003-03-21	ANGULAR	LINEAR	X.X/.XX	±0.3/.01	size A3	Scale 10:1			
Eng	JPEH	2003-12-05			X.XX/.XXX	±0.13/.005					
Chr	KH LEE	2010-01-07			0° ±2°	X.XXX/.XXXX					
Appr	JOEY NG	2010-01-07	Product family LPVCC				Spec ref		-		
		title LPVCC SMT 2.3 BOTTOM ENTRY ASSY WITH 0.64/.025 LOCATING FEATURES				dwg no 61650				Rev K	
catalog no				-		CUSTOMER			sheet 1 of 3		

REV E - 2006-03-28



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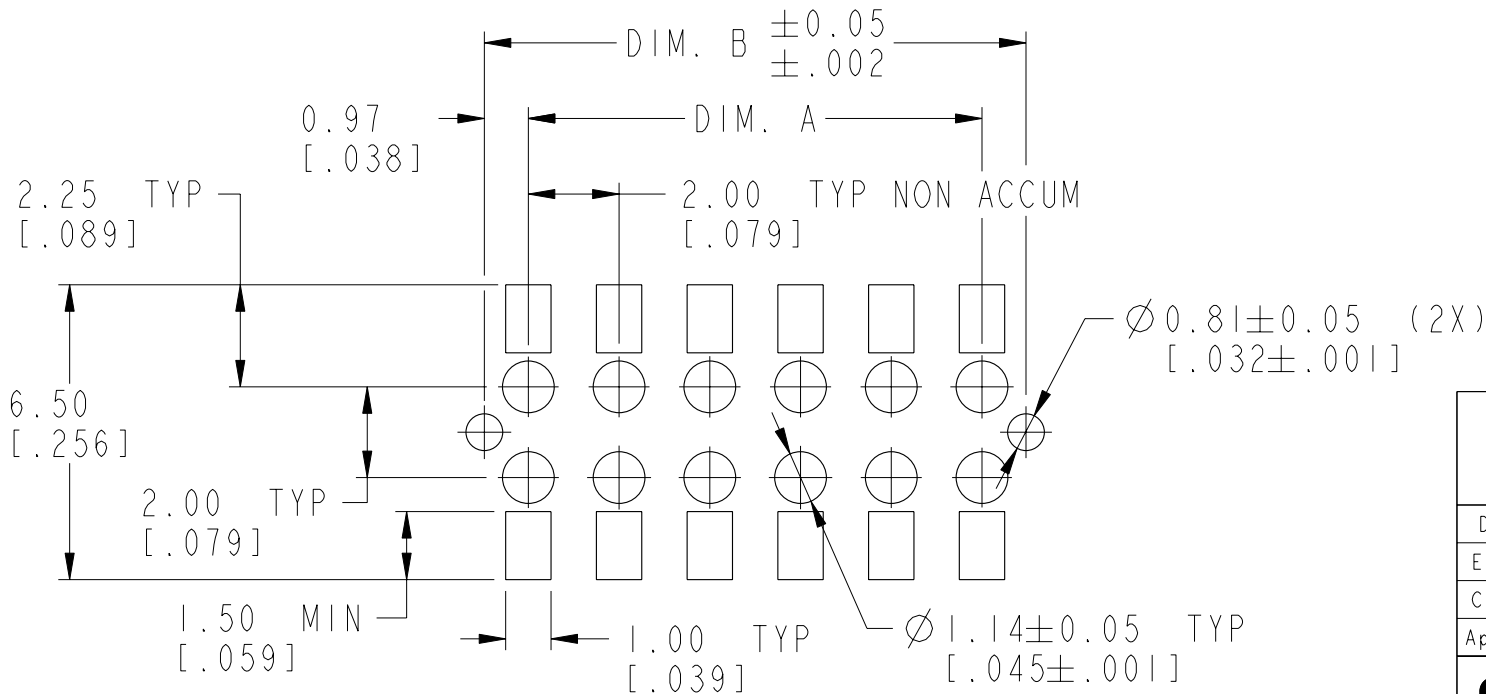
D

C

B

A

PRODUCT NO	POSITIONS	DIM. A	DIM. B
61650-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



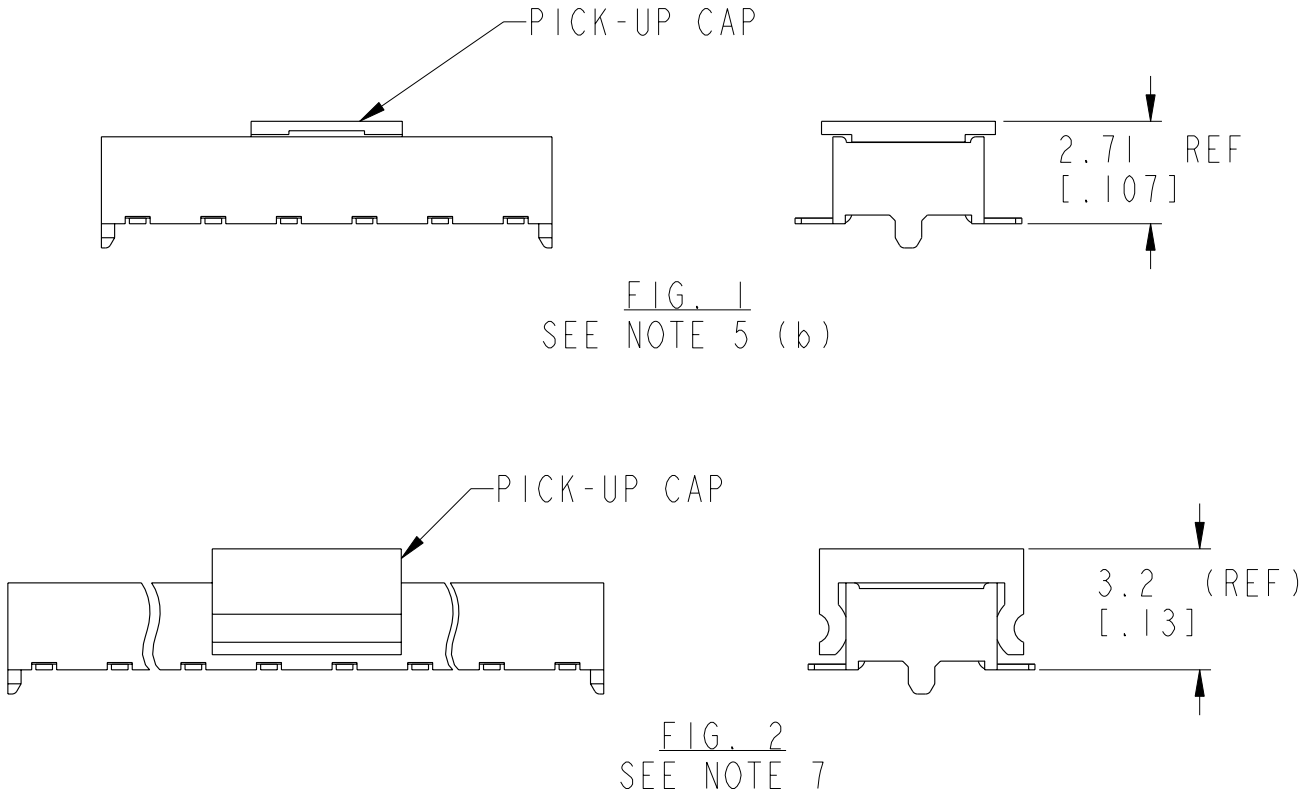
RECOMMENDED PAD LAYOUT

REV E - 2006-03-28

2

3

PLATING OPTIONS	
1	= 0.76µm/30µ" Au WITH 0.076µm/3µ" Au FLASH (POST PLATED)
2	= 0.38µm/15µ" Au WITH 0.076µm/3µ" Au FLASH (POST PLATED)
5	= 0.38µm/15µ" PdNi WITH 0.076µm/3µ" Au FLASH (POST PLATED)
6	= 0.76µm/30µ" PdNi WITH 0.076µm/3µ" Au FLASH (POST PLATED)



www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection MM/INCH
			TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	JPEH	2003-03-21	ANGULAR	LINEAR	size
Eng	JPEH	2003-12-05			A3
Chr	KH LEE	2010-01-07	0° ±2°		ECN
Appr	JOEY NG	2010-01-07	Product family		Spec ref
LPVCC SMT 2.3 BOTTOM ENTRY ASSY			LPVCC		-
WITH 0.64/.025 LOCATING FEATURES			CUSTOMER		sheet 2 of 3
catalog no			61650		Rev. K

PRODUCT DESCRIPTION CODE :

XXXXX-X XXLF



NOTES:

1. HOUSING MATERIAL : HIGH TEMP PLASTIC (LCP BLACK).
2. TERMINAL MATERIAL : PHOSPHER BRONZE
3. TERMINAL RETENTION 0.5Kg/1.1 Lbs.
4. - - -
5. PACKAGING:
(a) XXXXX-XXX --- STD PACKAGING IN TUBE.
(b) XXXXX-XXXTR --- TAPE AND REEL (CONDUCTIVE) PACKAGING WITH PICK-UP CAP (SEE FIG. 1).
(b) XXXXX-XXXTRN --- TAPE AND REEL (CONDUCTIVE) PACKAGING WITHOUT PICK-UP CAP.
6. 'V' CUT OPTIONAL - MANUFACTURING PROCESS OPTION.
7. ** FOR CUSTOMER SPECIAL:
P/N 61650-628TRS (Fig. 2) :
TAPE REEL (CONDUCTIVE) PACKAGING WITH PICK-UP CAP((5.0mm X 5.4mm)
PLATING IS 0.38µm/15µ" PdNi WITH Au FLASH .
8. P/N: 61650-XXXLF IS SAME AS P/N: 61650-XXX. THE SUFFIX 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION.
9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
10. THIS PORODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

www.fciconnect.com			surface ISO 1302		- ✓	tolerance std ISO 406 ISO 1101		projection 	MM / INCH 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	JPEH	2003-03-21	ANGULAR	LINEAR	X.X/.XX		±0.3/.01	size A3	Scale 10:1	
Eng	JPEH	2003-12-05			X.XX/.XXX		±0.13/.005			
Chr	KH LEE	2010-01-07	0°	±2°	X.XXX/.XXX		±0.051/.0020	ECN	S10-0207	
Appr	JOEY NG	2010-01-07	Product family					LPVCC	Spec ref -	
		title	LPVCC SMT 2.3 BOTTOM ENTRY ASSY					dwg no	61650	Rev. K
			WITH 0.64/.025 LOCATING FEATURES							
		catalog no	-					CUSTOMER	sheet 3 of 3	