



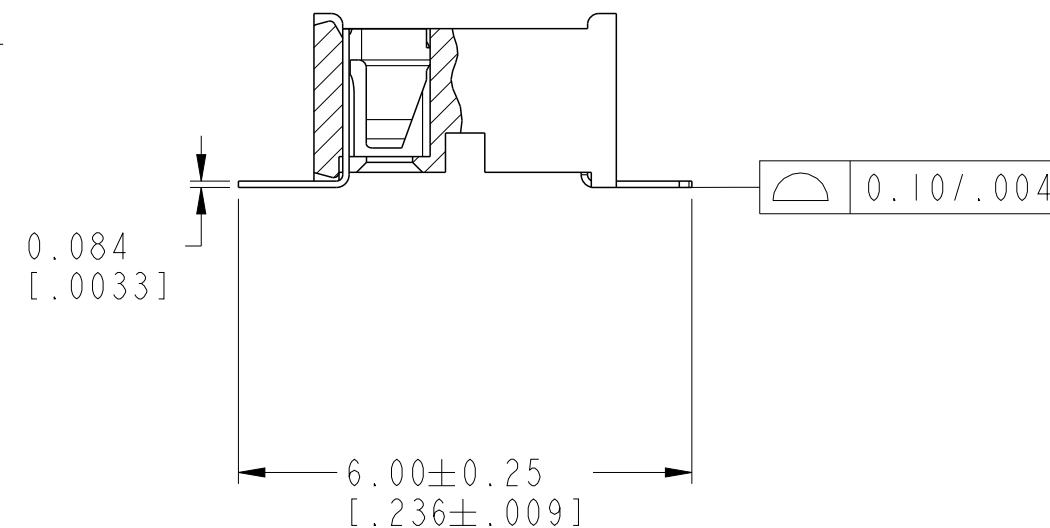
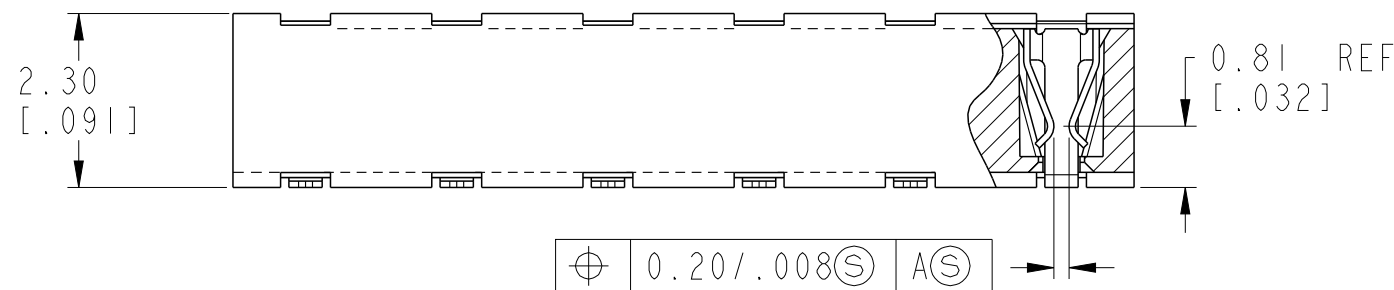
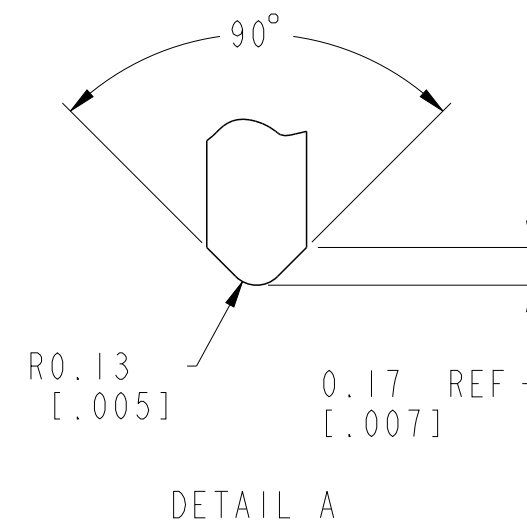
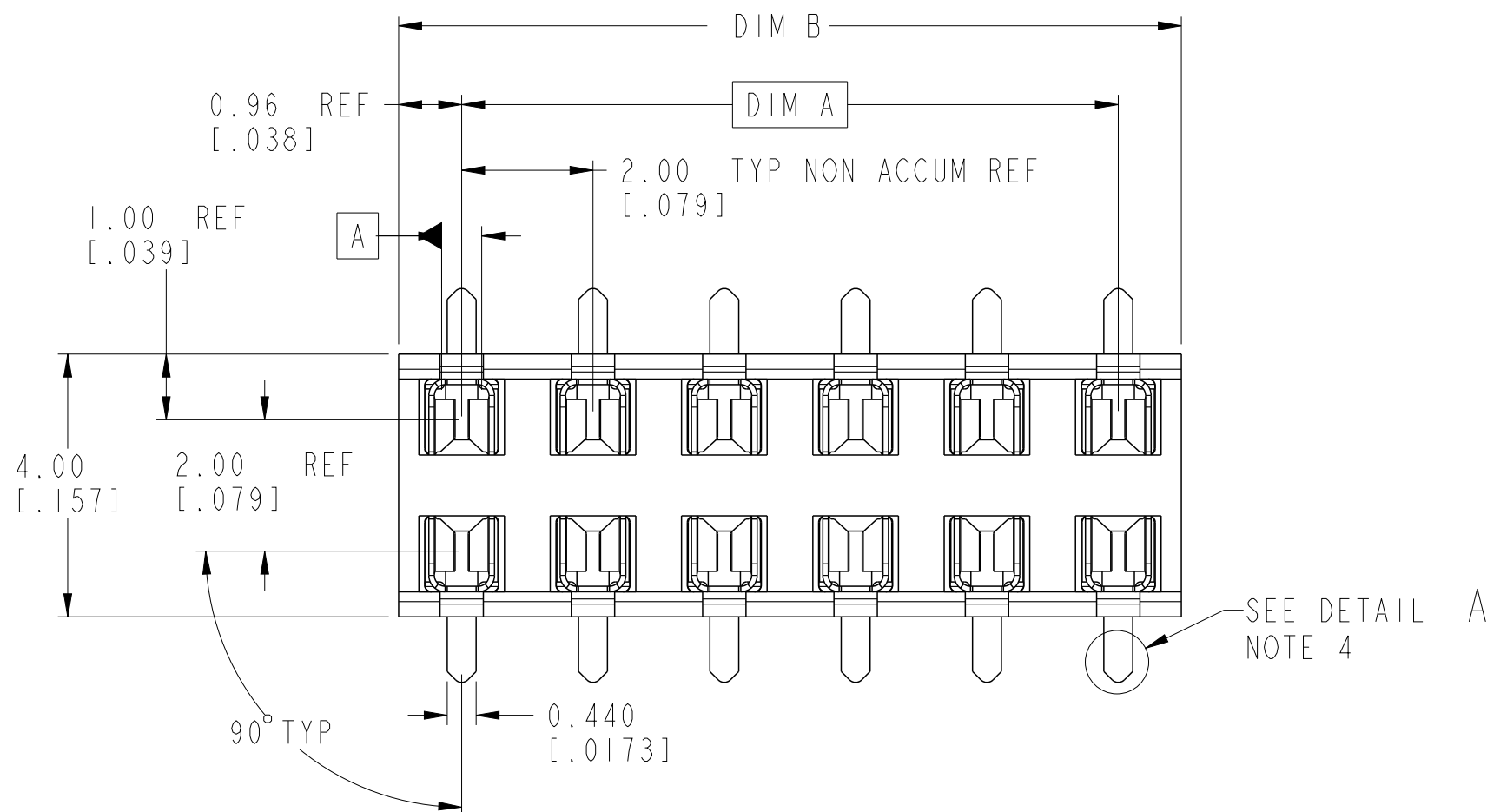
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A

B

C

D



spec ref	-	dr	Andrew Yong	2010/10/21	projection	MM / INCH	size	A3	scale	10:1
tolerance std	ISO 406 ISO 1101	eng	Guo-Min Sun	2013/01/29	chr	-	ecm no	ELX-N-13923-1	rel level	Released
surface	✓	appr	Rick Bian	2013/01/30	product family	LPVCC	dwg no	91596	rev	Y
ISO 1302	linear	0.X	±0.3	0.XX	±0.13	0.XXX	±0.051	angular	0°	±2°
www.fci.com										
LOW PROFILE VCC BOTTOM ENTRY SMT 2.3mm ASSY										
Product - Customer Drw										
sheet 1 of 2										

PRODUCT NO	POSITIONS	DIM. A	DIM. B
91596-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

#### NOTES:

- HOUSING MAT'L : HIGH TEMP PLASTIC.
- TERMINAL MAT'L : BeCu.
- TERMINAL RETENTION 0.5Kg/1.1 Lbs.
- 'V' CUT OPTIONAL - MANUFACTURING PROCESS OPTION.
- PRODUCT DESCRIPTION CODE:

XXXXX-X XXLF

LEAD FREE (7b) (9)

TOTAL POSITIONS

PLATING AT CONTACT AREA

BASE NUMBER

#### 6. PACKAGING:

- XXXXX-XXX ---STD PACKAGING IN TUBE.
- XXXXX-XXXTR ---TAPE AND REEL (CONDUCTIVE)  
PACKAGING WITH PICK-UP CAP (SEE FIG 1).
- XXXXX-XXXTRN ---TAPE AND REEL (CONDUCTIVE)  
PACKAGING WITHOUT PICK-UP CAP.
- XXXXX-XXXCR ---TAPE AND REEL (NON-CONDUCTIVE)  
PACKAGING WITH PICK-UP CAP (SEE FIG 1).
- XXXXX-XXXCRN ---TAPE AND REEL (NON-CONDUCTIVE)  
PACKAGING WITHOUT PICK-UP CAP.

#### 7. SOLDER TAILS PLATING:

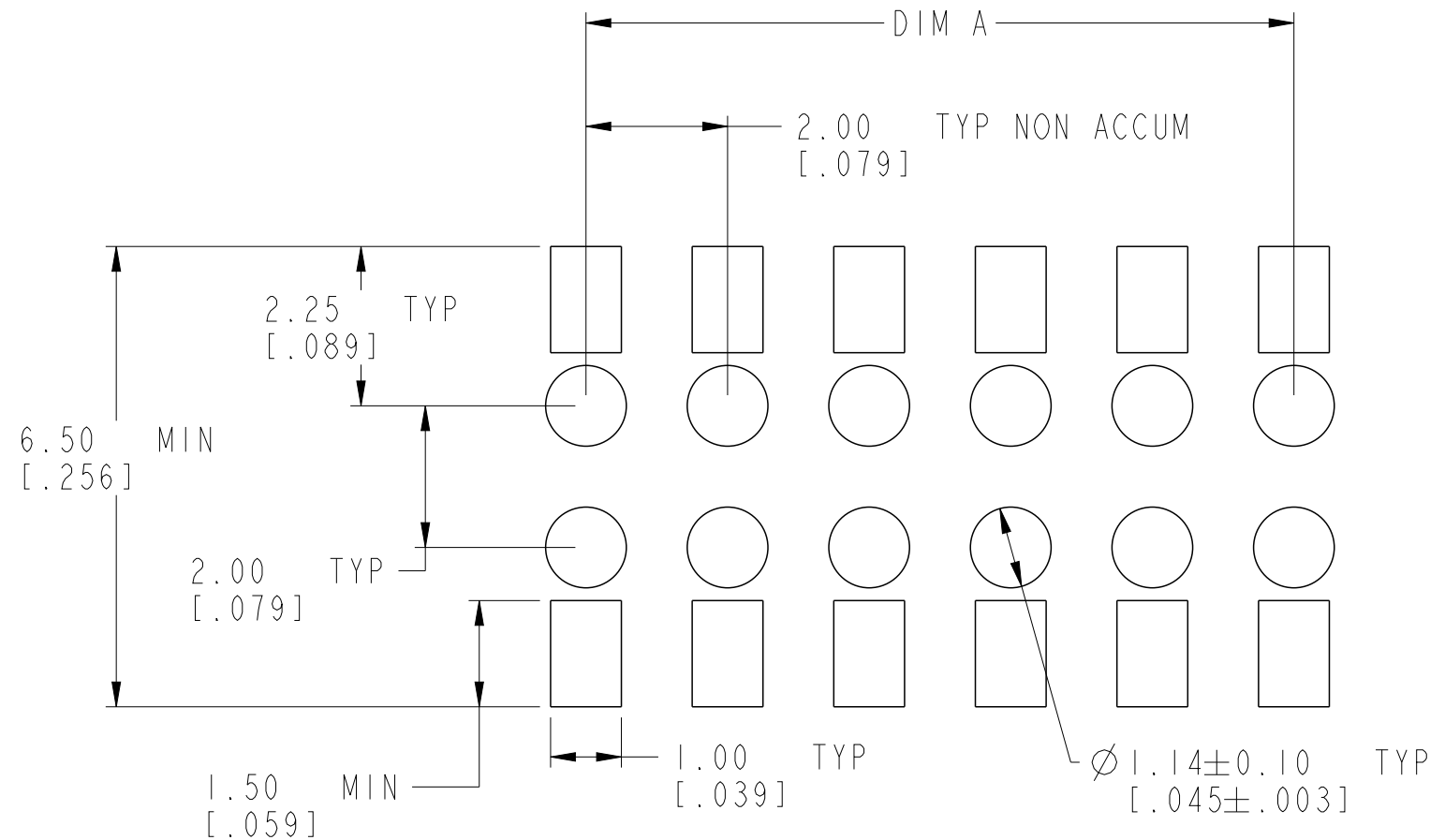
- SOLDERTAIL OF P/N:91596-XXX IS TIN/LEAD PLATED.
- SOLDERTAIL OF P/N:91596-XXXLF IS GOLD FLASH PLATED.

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

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

#### CONTACT AREA PLATING OPTIONS

- 0=0.20um/8u"Au ON CONTACT.
- 1=0.76um/30u"Au ON CONTACT.
- 3=0.38um/15u"Au ON CONTACT.
- 4=0.76um/30u"GXT ON CONTACT.
- 5=0.38um/15u"GXT ON CONTACT.



#### RECOMMENDED PAD LAYOUT

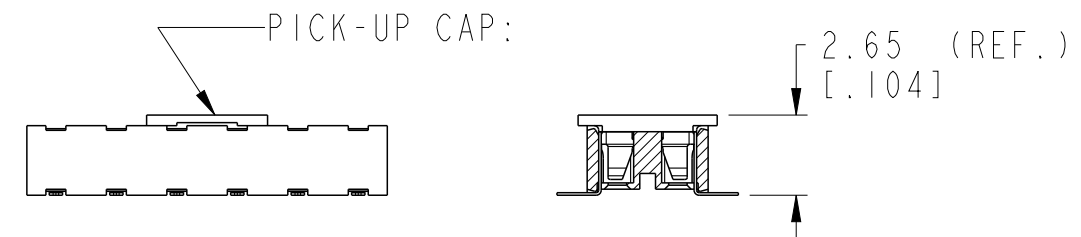


FIG. 1  
NOTE 6 (b) & (d)

dr	Andrew Yong	2010/10/21	projection	MM / INCH	size	A3	scale	10:1
eng	Guo-Min Sun	2013/01/29			ecn no			ELX-N-13923-1
chr	-	-			rel level			Released
appr	Rick Bian	2013/01/30	product family	LPVCC				
www.fci.com			LOW PROFILE VCC			91596		
cat. no.			BOTTOM ENTRY SMT 2.3mm ASSY			Y		
Product - Customer Drw			sheet 2 of 2					

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[91596-114TRLF](#)