## imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

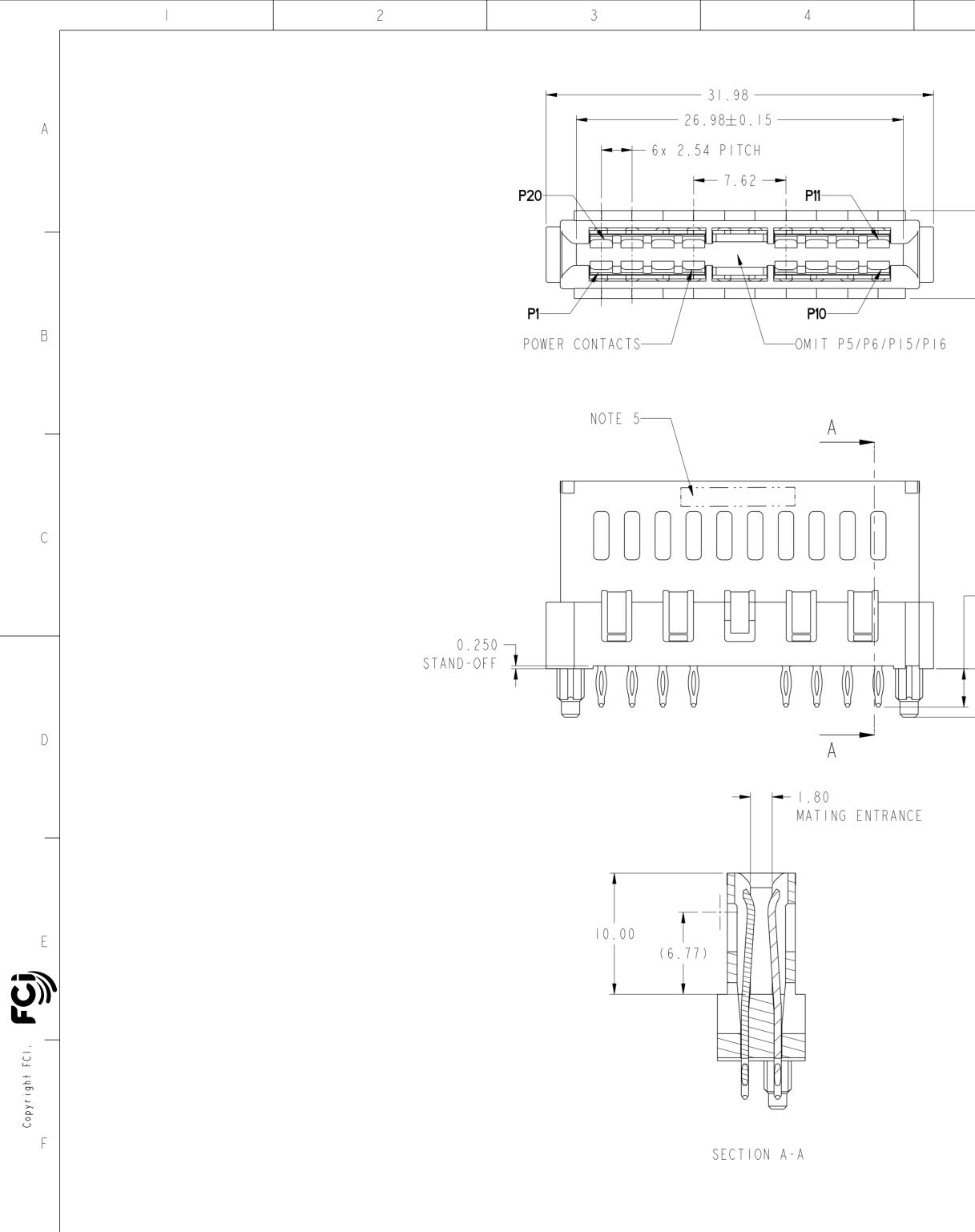
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Pro/E File - REV C - 2009-06-09			
	2	3	4

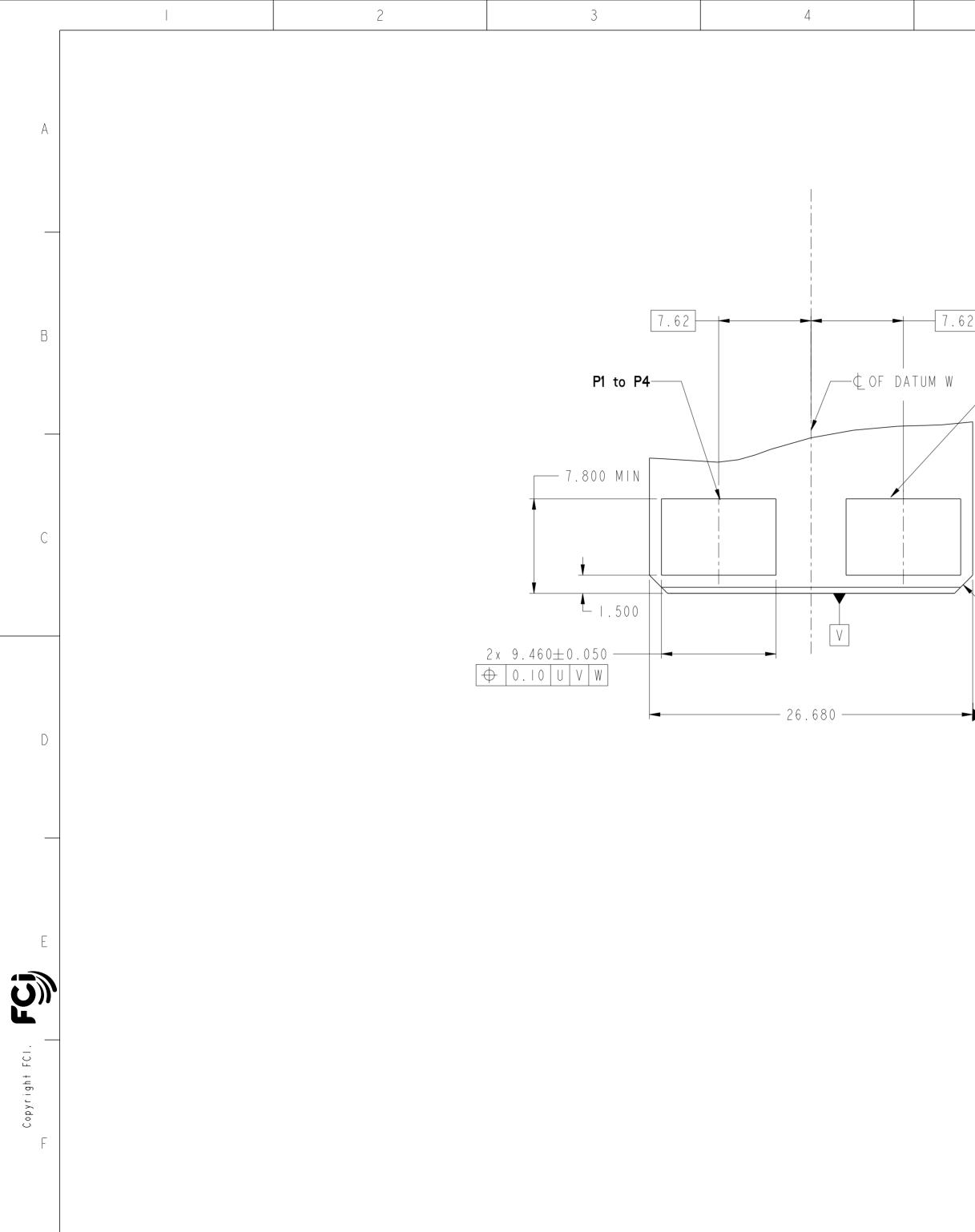
7.25	5.66	В
DIM"A" TAIL LENGTH (SEE TABLE 3)	ACROSS PADS	C
4.00 ¥		D
	REV       ECN       NO.       DR       DATE         A        ERIC       2013-04-18	E
spec ref       -       dr       Eric Jiang       2013/04/19         tolerance std       TOLERANCES UNLESS       eng       Eric Jiang       2013/04/19         ISO 406       TOLERANCES UNLESS       chr       -       -         ISO 1101       O.X       ±0.5       -       -         surface       Inear       0.XX       ±0.25       FSS       *       VERT RECT (         ISO 1302       angular       0°       ±2°       www.fci.com       cat. no.         5       6		F

5	6	7	8

А

		2	3	4	5		6	7	8	
	CONTACT TYPE	TOP LAYER DESCRIPTION	DRILLED HOLE	TABLE I (HPCE / SOLDER TA PLATED THROUGH-HOLE REQUIRI COPPER TIN-LEAD	EMENTS	FINISHED				
A	POWER & SIGNAL	IMMERSION TIN	DIAMETER 1.10-1.16 (1.15 DRILL) 1.10-1.16 (1.15 DRILL)	THICKNESS         THICKNESS           0.025 - 0.050         0.005 - 0.0           0.025 - 0.050	S THICKNESS	HOLE DIAMETER 0.94 - 1.10 0.94 - 1.10				A
	CONTACT TYPE	TOP LAYER DESCRIPTION	I.IO-I.I6 (I.I5 DRILL)	0.025 - 0.050 TABLE 2 (HPCE / PRESS-FIT PLATED THROUGH-HOLE REQUIR	TAILS)	0.94 - 1.10				
В	POWER & SIGNAL	TIN-LEAD IMMERSION TIN	0.81-0.86 (0.85 DRILL)	COPPER         TIN-LEAD           THICKNESS         THICKNESS           0.025 - 0.050         0.005 - 0.0           0.025 - 0.050	S THICKNESS	FINISHED HOLE DIAMETER 0.65 - 0.80 0.70 - 0.80				В
		COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050		0.70 - 0.80				
				(31.98) -		χ				
С								Ζ		С
		C	NOMINAL <b>P20</b> ONNECTOR OUTLINE	6x 2.54	OF DATUM X	P11	[2x   .35]			
D										D
							▼			
		(SEE NOTE IO FO	ED HOLE (2X) P1 OR DIAMETER) IOM ZYX	7.62		P10		DIM"B"	_	
E				SEE TABLE I, A TYP \$\Prove 0.10\$	2& NOTE 9 ZYX			THICKNESS TABLE 3)		E
Copyright -					spec ref tolerance s	std Tourna and	dr         Eric Jiang         2013/04/09           eng         Eric Jiang         2013/04/19	projection		scale 1:1 F
					ISO 406 ISO IIO surface	TOLERANCES     UNLES       OTHERWISE     SPECIFI       Inear     0.X     ±0.       0.XX     ±0.	S ED appr Pei-Ming Zheng 25 10 25 10 25 10 2013/04/19 2013/04/19 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	D EDGE	ecn no rel level € 5 10125025	rev
	Pro/E File - REV C - 2009-06-09	2	3	4	5	2 angular 0° ±2	°  www.fci.com   cat. no. 6	7 7	- Customer Drw   sheet 2 8	<u>2 ot 4</u>

Pro/E File - REV C - 2009-06-09	(			1
	2	3	4	1
				1



Pro/E File - REV C - 2009-06-09			
	2	3	4

	-			
				A
P5 to P8				В
-2x CI.500X45	D	2x C0.500X45°		С
• W				3 NDS D
				E
surface	drEric JiangNCES UNLESS SE SPECIFIEDengEric Jiang $chr$ - $appr$ Pei-Ming Zheng $0.X$ $\pm 0.25$ $0.XX$ $\pm 0.10$	2013/04/09     projection       2013/04/19 <ul> <li>-</li> <li>2013/04/19</li> <li>product family</li> </ul> VERT RECT (20P)           HIGH POWER CARD EDGE	MM ecn no rel level C S HOI250	scale 1:1 - Released 25 <b>A</b>
ISO I302 angular 5	0° ±2° <b>www.fci.com</b> cot		oduct – Customer Drw 8	sheet 3 of 4

			2	3	4
		HPCI	E PART NUMBE	R (TABLE 3)	
A	PART NUMBER	T A I L T Y P E	ORIENTATIO Key	N DIM "A" TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
	10125025-001LF	SOLDER	NO	3.17 ±0.25	I.59 - 2.38
	10125025-002LF	PRESS-FIT	NO	3.17 ±0.25	I.57 MIN

В

С

D

NOTES:

I. CONNECTOR MATERIALS:

HOUSING:	HIGH TEMPERATURE THERMAL PLASTIC,	BLACK
	UL 94V-0 COMPLIANT	
CONTACTS :	HIGH PERFORMANCE COPPER ALLOY.	

- 2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- 3. PRODUCT SPECIFICATION: GS-12-604.
- 4. APPLICATION SPECIFICATION: GS-20-128.

(5.) PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

- 6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.
- 7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
  - . COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREA
  - ALL HOLE SIZES ARE FINISHED HOLE SIZES.
  - MOUNTING HOLES ARE UNPLATED Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS Ø 2.18 +/- 0.03 FOR SOLDER TAILS
- II. PRESS FIT APPLICATION TOOL DRAWING : 10119453.

+ FCI.	<b>J</b>	
Copyrigh.	g h t	

Pro/E File	REV C -	2009-06-09	

8

(9.)

 $(\mid 0)$ 

2

3

5

6

		A
		В
		C
		D
EAS.		E
	$surface \sqrt{\frac{0.XX \pm 0.25}{0.XXX \pm 0.10}} \qquad $	F ed e v
	ISO I302angular0°±2°www.fci.comcat. no.Product - Customer Drwsheet 4 of 45678	

7

8