



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!



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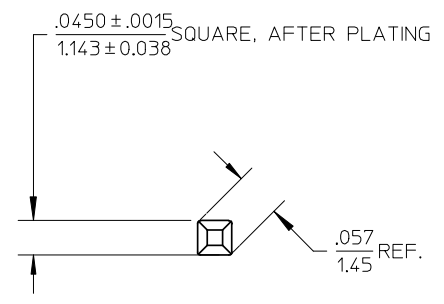
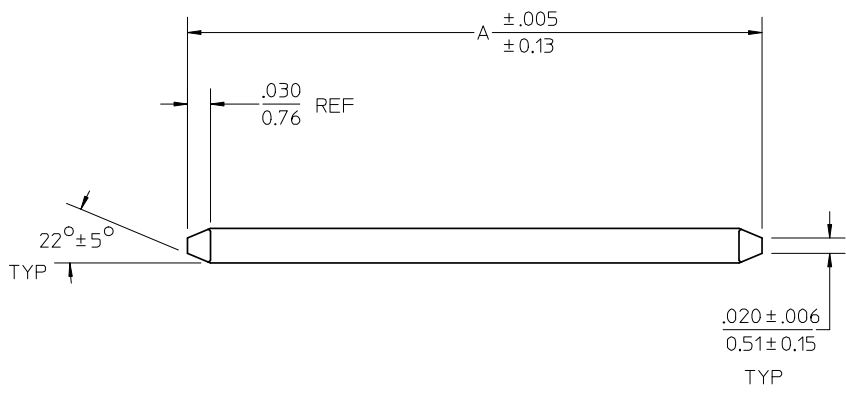
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



6		5		4		3		2		1	
NO.	DIM A	NO.	DIM A	NO.	DIM A	NO.	DIM A	NO.	DIM A	NO.	DIM A
1	.750 19.05	36	1.200 30.48	90	.545 13.84						
3	.937 23.80	37	1.100 27.94	91	.560 14.22						
4	.500 12.70	38	1.500 38.10	92	.575 14.61						
5	1.375 34.93	40	1.900 48.26	93	.610 15.49						
6	2.000 50.80	41	1.270 32.26	94	.720 18.29						
7	1.562 39.67	45	.821 20.85	96	1.531 38.89						
10	.437 11.10	48	1.625 41.28	99	1.781 45.24						
11	1.750 44.45	51	.325 8.26								
12	1.437 36.50	52	1.063 27.00								
13	1.670 42.42	53	.250 6.35								
14	.380 9.65	56	.703 17.86								
15	.625 15.88	61	1.406 35.71								
16	1.000 25.40	62	.980 24.89								
18	1.312 33.32	63	.960 24.38								
19	1.032 26.21	64	1.175 29.85								
20	1.812 46.02	65	.894 22.71								
21	1.125 28.58	66	1.150 29.21								
22	1.250 31.75	67	.736 18.69								
23	1.230 31.24	68	1.342 34.09								
24	.800 20.32	69	.775 19.69								
26	.875 22.23	70	.915 23.24								
28	1.710 43.43	71	.472 11.99								
30	.650 16.51	75	.667 16.94								
35	.687 17.45	89	.530 13.46								

- NOTES:
1. MATERIAL: BRASS 260.
 2. FINISH:
 - 102 - TIN: .000200/0.00508 MIN. OVER COPPER
 - 154 - TIN: .000100/0.00254 MIN. OVER NICKEL
 - 501 - GOLD: .000020/0.00051 MIN. OVER NICKEL
 3. PRODUCT SPECIFICATION: NONE
 4. DIMENSIONS ARE GIVEN BEFORE PLATING UNLESS OTHERWISE SPECIFIED.
 5. SOLDERABILITY SPECIFICATION: SMES-152 AFTER PLATING
 6. CAMBER SPECIFICATION: .005 MM/MM OR .005 IN/IN MAX
 7. BURR SPECIFICATION: ES-151
 8. RECOMMENDED PCB HOLE SPECIFICATION FOR PRESS FIT PINS: .062±.005 / 1.57±0.13 THK PCB
 - PUNCHED HOLES: .050±.002 / 1.27±0.05
 - DRILLED HOLES: .0535±.0015 / 1.359±0.038
 - PLATED THRU HOLES: .0525±.0025 / 1.334±0.064
 9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



2-*	AH2
1	AH2
SHEET	REV

ADD P/N TO SHT 6 EC NO: UCP2008-3117 DRWN: GAVRILL 2008/06/25 CHKD: AELHAG 2008/07/01 APPR: FSMITH 2008/07/01	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				IN/MM		4:1	INCH	KK .045 SQ PIN LOOSE		
		4 PLACES	± ---	± ---	DRAWN BY	DATE	MOLEX INCORPORATED			
		3 PLACES	± ---	± ---	SAMIEC	2004/02/27				
2 PLACES	± ---	± ---	CHECKED BY	DATE	DOCUMENT NO.		SHEET NO.			
1 PLACE	± ---	± ---	SAMIEC	2004/02/27	SD-2161-001		1 OF *			
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
AH2		REV		SIZE						
				A						

PART NO:	ENG NO:	PART NO:	ENG NO:

TIN			
PART NO:	ENG NO:	PART NO:	ENG NO:
008500401	2161-1(102)	008500440	2161-40(102)
008500403	2161-3(102)	008500444	2161-41(102)
008500404	2161-4(102)	008500450	2161-45(102)
008500405	2161-5(102)	008500439	2161-48(102)
008500406	2161-6(102)	008500457	2161-51(102)
008500407	2161-7(102)	008500455	2161-52(102)
008500410	2161-10(102)	008500453	2161-53(102)
008500411	2161-11(102)	008500474	2161-56(102)
008500412	2161-12(102)	008500430	2161-61(102)
008500413	2161-13(102)	008500477	2161-62(102)
008500414	2161-14(102)	008500498	2161-63(102)
008500415	2161-15(102)	008500478	2161-64(102)
008500416	2161-16(102)	008500483	2161-65(102)
008500418	2161-18(102)	008500460	2161-66(102)
008500419	2161-19(102)	008500552	2161-67(102)
008500420	2161-20(102)	008500493	2161-68(102)
008500421	2161-21(102)	008500485	2161-69(102)
008500422	2161-22(102)	008500492	2161-70(102)
008500423	2161-23(102)	008500473	2161-71(102)
008500424	2161-24(102)	008500495	2161-75(102)
008500432	2161-26(102)	008500458	2161-89(102)
008500431	2161-28(102)	008500551	2161-90(102)
008500448	2161-30(102)		2161-91(102)
008500435	2161-35(102)	008500400	2161-92(102)
008500436	2161-36(102)		2161-93(102)
008500443	2161-37(102)	008500497	2161-94(102)
008500438	2161-38(102)	008500553	2161-96(102)
		008500494	2161-99(102)

REV: AH2	ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008	TITLE: KK .045 SQ PIN LOOSE	SHEET No. - 2 -
DOCUMENT NUMBER: SD- 2161-001		CREATED / REVISED BY: GAVERILL	CHECKED BY: AELHAG
		APPROVED BY: FSMITH	

GOLD			
PART NO:	ENG NO:	PART NO:	ENG NO:
008560401	2161-1(501)	008560438	2161-38(501)
008560403	2161-3(501)	008560440	2161-40(501)
008560404	2161-4(501)	008560441	2161-41(501)
008560405	2161-5(501)	008560450	2161-45(501)
008560406	2161-6(501)		2161-48(501)
008560407	2161-7(501)		2161-51(501)
008560410	2161-10(501)	008560452	2161-52(501)
008560411	2161-11(501)		2161-53(501)
008560412	2161-12(501)	008560492	2161-61(501)
008560413	2161-13(501)	008560488	2161-62(501)
008560414	2161-14(501)		2161-63(501)
008560415	2161-15(501)	008560497	2161-64(501)
008560416	2161-16(501)	008560457	2161-65(501)
008560418	2161-18(501)		2161-66(501)
008560419	2161-19(501)		2161-67(501)
008560420	2161-20(501)		2161-68(501)
008560421	2161-21(501)	008560469	2161-69(501)
008560422	2161-22(501)		2161-70(501)
008560423	2161-23(501)		2161-71(501)
008560424	2161-24(501)		2161-89(501)
008560426	2161-26(501)		2161-91(501)
008560428	2161-28(501)	008560400	2161-92(501)
008560430	2161-30(501)		2161-93(501)
008560435	2161-35(501)	008560499	2161-94(501)
008560436	2161-36(501)	008560490	2161-96(501)
008560437	2161-37(501)		2161-99(501)

TIN			
PART NO:	ENG NO:	PART NO:	ENG NO:
008590401	2161-1(122)		2161-38(122)
008590403	2161-3(122)		2161-40(122)
	2161-4(122)		2161-41(122)
	2161-5(122)		2161-45(122)
	2161-6(122)		2161-48(122)
	2161-7(122)		2161-51(122)
	2161-10(122)		2161-52(122)
	2161-11(122)		2161-53(122)
	2161-12(122)		2161-61(122)
	2161-13(122)		2161-62(122)
008590414	2161-14(122)		2161-63(122)
	2161-15(122)	008590464	2161-64(122)
008590416	2161-16(122)		2161-65(122)
	2161-18(122)		2161-66(122)
008590419	2161-19(122)		2161-67(122)
	2161-20(122)		2161-68(122)
	2161-21(122)		2161-69(122)
	2161-22(122)		2161-70(122)
008590423	2161-23(122)		2161-71(122)
	2161-24(122)	008590489	2161-89(122)
	2161-26(122)	008500468	2161-91(122)
	2161-28(122)		2161-92(122)
008590430	2161-30(122)		2161-93(122)
	2161-35(122)	008590494	2161-94(122)
008590436	2161-36(122)		2161-96(122)
008590437	2161-37(122)		2161-99(122)

REV: AH2	ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008	TITLE: KK .045 SQ PIN LOOSE	SHEET No. - 3 -
DOCUMENT NUMBER: SD- 2161-001	CREATED / REVISED BY: GAVERRILL	CHECKED BY: AELHAG	APPROVED BY: FSMITH

GOLD			
PART NO:	ENG NO:	PART NO:	ENG NO:
008560501	2161-1(503)		2161-38(503)
008560503	2161-3(503)		2161-40(503)
	2161-4(503)		2161-41(503)
	2161-5(503)	008560545	2161-45(503)
	2161-6(503)		2161-48(503)
	2161-7(503)		2161-51(503)
	2161-10(503)	008560552	2161-52(503)
	2161-11(503)		2161-53(503)
008560512	2161-12(503)		2161-61(503)
	2161-13(503)		2161-62(503)
	2161-14(503)		2161-63(503)
008560515	2161-15(503)	008560564	2161-64(503)
008560516	2161-16(503)		2161-65(503)
	2161-18(503)		2161-66(503)
008560519	2161-19(503)		2161-67(503)
	2161-20(503)	008560568	2161-68(503)
008560521	2161-21(503)		2161-69(503)
	2161-22(503)		2161-70(503)
008560525	2161-23(503)		2161-71(503)
	2161-24(503)	008560589	2161-89(503)
	2161-26(503)		2161-91(503)
	2161-28(503)		2161-92(503)
008560530	2161-30(503)		2161-93(503)
	2161-35(503)	008560594	2161-94(503)
008560536	2161-36(503)		2161-96(503)
008560537	2161-37(503)		2161-99(503)

GOLD			
PART NO:	ENG NO:	PART NO:	ENG NO:
008560801	2161-1(505)		2161-38(505)
	2161-3(505)		2161-40(505)
	2161-4(505)		2161-41(505)
008560805	2161-5(505)		2161-45(505)
	2161-6(505)		2161-48(505)
	2161-7(505)		2161-51(505)
	2161-10(505)	008560852	2161-52(505)
	2161-11(505)		2161-53(505)
	2161-12(505)		2161-61(505)
	2161-13(505)		2161-62(505)
	2161-14(505)		2161-63(505)
	2161-15(505)	008560864	2161-64(505)
008560816	2161-16(505)		2161-65(505)
	2161-18(505)	008560866	2161-66(505)
	2161-19(505)		2161-67(505)
	2161-20(505)		2161-68(505)
	2161-21(505)		2161-69(505)
	2161-22(505)		2161-70(505)
	2161-23(505)		2161-71(505)
	2161-24(505)		2161-89(505)
	2161-26(505)		2161-91(505)
	2161-28(505)		2161-92(505)
	2161-30(505)		2161-93(505)
	2161-35(505)		2161-94(505)
008560836	2161-36(505)		2161-96(505)
008560837	2161-37(505)		2161-99(505)

REV: AH2	ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008	TITLE: KK .045 SQ PIN LOOSE	SHEET No. - 4 -
DOCUMENT NUMBER: SD- 2161-001		CREATED / REVISED BY: GAVERRILL	CHECKED BY: AELHAG
		APPROVED BY: FSMITH	

GOLD			
PART NO:	ENG NO:	PART NO:	ENG NO:
	2161-1(507)		2161-38(507)
	2161-3(507)		2161-40(507)
	2161-4(507)		2161-41(507)
008560465	2161-5(507)		2161-45(507)
	2161-6(507)		2161-48(507)
	2161-7(507)		2161-51(507)
	2161-10(507)	008560495	2161-52(507)
	2161-11(507)		2161-53(507)
	2161-12(507)		2161-61(507)
	2161-13(507)		2161-62(507)
	2161-14(507)		2161-63(507)
	2161-15(507)		2161-64(507)
	2161-16(507)		2161-65(507)
	2161-18(507)		2161-66(507)
	2161-19(507)		2161-67(507)
	2161-20(507)		2161-68(507)
	2161-21(507)		2161-69(507)
	2161-22(507)		2161-70(507)
	2161-23(507)		2161-71(507)
	2161-24(507)		2161-89(507)
	2161-26(507)		2161-91(507)
	2161-28(507)		2161-92(507)
	2161-30(507)		2161-93(507)
	2161-35(507)		2161-94(507)
008560496	2161-36(507)		2161-96(507)
	2161-37(507)		2161-99(507)

GOLD			
PART NO:	ENG NO:	PART NO:	ENG NO:
008580401	2161-1(516)		2161-38(516)
	2161-3(516)		2161-40(516)
	2161-4(516)		2161-41(516)
	2161-5(516)		2161-45(516)
	2161-6(516)		2161-48(516)
	2161-7(516)		2161-51(516)
	2161-10(516)		2161-52(516)
	2161-11(516)		2161-53(516)
	2161-12(516)		2161-61(516)
	2161-13(516)		2161-62(516)
	2161-14(516)		2161-63(516)
	2161-15(516)		2161-64(516)
	2161-16(516)		2161-65(516)
	2161-18(516)		2161-66(516)
	2161-19(516)		2161-67(516)
	2161-20(516)		2161-68(516)
	2161-21(516)		2161-69(516)
	2161-22(516)		2161-70(516)
	2161-23(516)		2161-71(516)
	2161-24(516)		2161-89(516)
	2161-26(516)		2161-91(516)
	2161-28(516)		2161-92(516)
	2161-30(516)		2161-93(516)
	2161-35(516)		2161-94(516)
	2161-36(516)		2161-96(516)
	2161-37(516)		2161-99(516)

REV: AH2	ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008	TITLE: KK .045 SQ PIN LOOSE	SHEET No. - 5 -
DOCUMENT NUMBER: SD- 2161-001		CREATED / REVISED BY: GAVERRILL	CHECKED BY: AELHAG
		APPROVED BY: FSMITH	

		TIN	
PART NO:	ENG NO:	PART NO:	ENG NO:
50-36-2292	2161-1(224)		2161-38(224)
	2161-3(224)		2161-40(224)
	2161-4(224)		2161-41(224)
	2161-5(224)		2161-45(224)
	2161-6(224)		2161-48(224)
	2161-7(224)		2161-51(224)
	2161-10(224)		2161-52(224)
	2161-11(224)		2161-53(224)
	2161-12(224)		2161-61(224)
	2161-13(224)		2161-62(224)
	2161-14(224)		2161-63(224)
	2161-15(224)		2161-64(224)
	2161-16(224)		2161-65(224)
	2161-18(224)		2161-66(224)
	2161-19(224)		2161-67(224)
	2161-20(224)		2161-68(224)
	2161-21(224)		2161-69(224)
	2161-22(224)		2161-70(224)
	2161-23(224)		2161-71(224)
	2161-24(224)		2161-89(224)
	2161-26(224)		2161-91(224)
	2161-28(224)		2161-92(224)
	2161-30(224)		2161-93(224)
	2161-35(224)		2161-94(224)
	2161-36(224)		2161-96(224)
008501371	2161-37(224)		2161-99(224)

		TIN	
PART NO:	ENG NO:	PART NO:	ENG NO:
	2161-1(124)		2161-38(124)
	2161-3(124)		2161-40(124)
	2161-4(124)		2161-41(124)
	2161-5(124)		2161-45(124)
	2161-6(124)		2161-48(124)
	2161-7(124)		2161-51(124)
	2161-10(124)		2161-52(124)
	2161-11(124)		2161-53(124)
	2161-12(124)		2161-61(124)
	2161-13(124)		2161-62(124)
	2161-14(124)		2161-63(124)
	2161-15(124)		2161-64(124)
	2161-16(124)		2161-65(124)
	2161-18(124)		2161-66(124)
	2161-19(124)		2161-67(124)
	2161-20(124)		2161-68(124)
	2161-21(124)		2161-69(124)
	2161-22(124)		2161-70(124)
	2161-23(124)		2161-71(124)
	2161-24(124)		2161-89(124)
	2161-26(124)		2161-91(124)
	2161-28(124)		2161-92(124)
	2161-30(124)		2161-93(124)
	2161-35(124)	008501001	2161-94(124)
	2161-36(124)		2161-96(124)
	2161-37(124)		2161-99(124)

REV: AH2	ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008	TITLE: KK .045 SQ PIN LOOSE	SHEET No. - 6 -
DOCUMENT NUMBER: SD- 2161-001		CREATED / REVISED BY: GAVERRILL	CHECKED BY: AELHAG
		APPROVED BY: FSMITH	

