



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

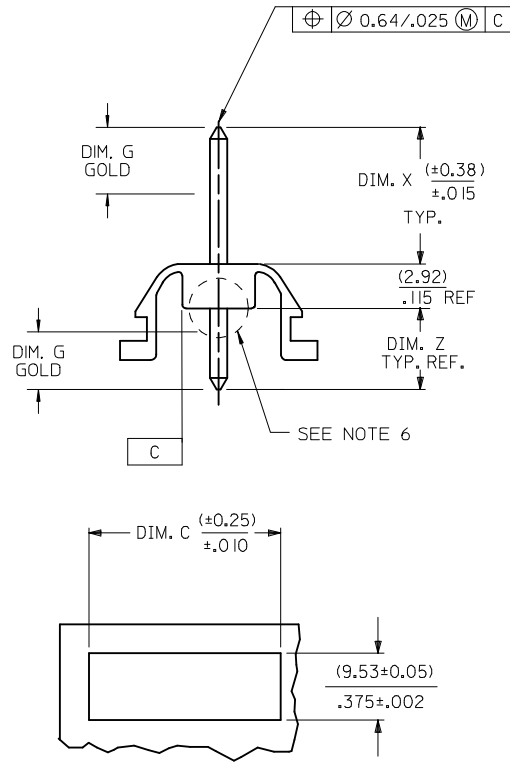
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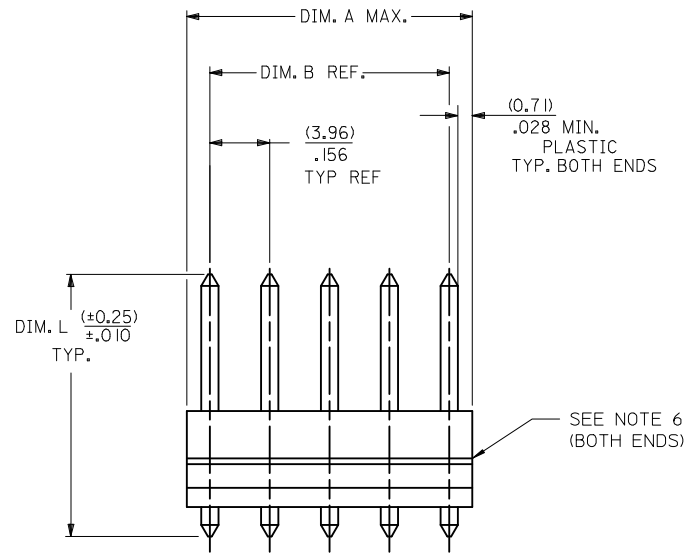


NO. OF CKTS.	DIM. A MAX.	DIM. B REF.	DIM. C
2	(7.37)	(3.96)	(7.67)
	.290	.156	.302
3	(11.33)	(7.92)	(11.63)
	.446	.312	.458
4	(15.29)	(11.89)	(15.60)
	.602	.468	.614
5	(19.25)	(15.85)	(19.56)
	.758	.624	.770
6	(23.22)	(19.81)	(23.52)
	.914	.780	.926
7	(27.18)	(23.77)	(27.48)
	1.070	.936	1.080
8	(31.14)	(27.74)	(31.45)
	1.226	1.092	1.238
9	(35.10)	(31.70)	(35.41)
	1.382	1.248	1.394
10	(39.07)	(35.66)	(39.37)
	1.538	1.404	1.550
11	(43.03)	(39.62)	(43.33)
	1.694	1.560	1.706
12	(46.99)	(43.59)	(47.29)
	1.850	1.716	1.862
13	(50.95)	(47.55)	(51.26)
	2.006	1.872	2.018
14	(54.91)	(51.51)	(55.22)
	2.162	2.028	2.174
15	(58.88)	(55.47)	(59.18)
	2.318	2.184	2.330
16	(62.84)	(59.44)	(63.14)
	2.474	2.340	2.486
17	(66.80)	(63.40)	(67.11)
	2.630	2.496	2.642
18	(70.76)	(67.36)	(71.07)
	2.786	2.652	2.798
19	(74.65)	(71.32)	(74.96)
	2.939	2.808	2.951
20	(78.61)	(75.29)	(78.92)
	3.095	2.964	3.107



PANEL OPENNING
(1.57±.03) / .062±.001 THK.

▽ PARTS MUST SNAP INTO ABOVE PCB



SEE NOTE 6
(BOTH ENDS)

A-2220-N * * *

NO. OF CKTS.

PACKAGING
BLANK = PER PK-2220-002
A = PER PK-44646-005

VERSION
LETTER CHANGES WHEN
PIN NO. OR PRESS
DIM. CHANGES

PLATING CODE
SEE NOTE 2

NOTES:

- MATERIAL: UNFILLED NYLON 6/6, UL94V-2, MOLDED NATURAL.
- FINISH: SEE LEGEND
(197) - OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 MIN. NICKEL
(502) - SELECT GOLD: 0.00051/.000020 MIN.
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-08-50.
- PACKAGING INFORMATION: SEE LEGEND.
- PIN PUSHOUT FORCE: PRIOR TO SOLDERING, A 3 POUND MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
- THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. BURRS OR PROTRUSIONS ON HOUSING ARE ALLOWED IN PIN INSERTION AREA AND ON ENDS OF PART IF WITHIN DIMENSION A.

ADD NOTE 6 EC NO: UCP2013-1310 DRWN:KIPPER CHKD:SSOUSEK APPR:FSMITH	2012/10/02 2012/10/02 2012/10/09	QUALITY SYMBOLS ▽=0 ▽=1 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY KSS	DATE 1984/10/30	TITLE WAFER ASSEMBLY CHASSIS MOUNT, KK 2220 SERIES DWG.		
S1	REV	DESCRIPTION	4 PLACES ± --- ± ---	CHECKED BY DMS	DATE 1984/10/30	molex DOCUMENT NO. SDA-2220 SHEET NO. 1 OF 2			
			3 PLACES ± --- ± ---	APPROVED BY FSMITH	DATE 2012/01/06				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ±1/2°		MATERIAL NO. SEE CHART				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

13	12	11	10	9	8	7	6	5	4	3	2	1
ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. G TYP BOTH ENDS							
A-2220-NA197	43294-0832	(35.05) 1.380	(16.00) .630	(16.13) .635	N/A							
A-2220-NA502	43294-0833	(35.05) 1.380	(16.00) .630	(16.13) .635	(6.85) .270							
A-2220-NAB502	43294-1100	(42.42) 1.670	(16.89) .665	(22.61) .890	(7.62) .300							
A-2220-NB197	43294-1147	(44.45) 1.750	(18.24) .718	(23.29) .917	N/A							

A-2220-NA197		A-2220-NA502		A-2220-NAB502		A-2220-NB197	
PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.
09-57-1025	A-2220-2A197	09-78-1021	A-2220-2A502		A-2220-2AB502	09-57-1026	A-2220-2B197
09-57-1035	A-2220-3A197	09-78-1031	A-2220-3A502		A-2220-3AB502	09-57-1036	A-2220-3B197
09-57-1045	A-2220-4A197	09-78-1041	A-2220-4A502		A-2220-4AB502	09-57-1046	A-2220-4B197
09-57-1055	A-2220-5A197	09-78-1051	A-2220-5A502		A-2220-5AB502	09-57-1056	A-2220-5B197
09-57-1065	A-2220-6A197	09-78-1061	A-2220-6A502	09-78-1067	A-2220-6AB502	09-57-1066	A-2220-6B197
09-57-1075	A-2220-7A197	09-78-1071	A-2220-7A502		A-2220-7AB502	09-57-1076	A-2220-7B197
09-57-1085	A-2220-8A197	09-78-1081	A-2220-8A502	09-78-1087	A-2220-8AB502	09-57-1086	A-2220-8B197
09-57-1095	A-2220-9A197	09-78-1091	A-2220-9A502		A-2220-9AB502	09-57-1096	A-2220-9B197
09-57-1105	A-2220-10A197	09-78-1101	A-2220-10A502	09-78-1107	A-2220-10AB502	09-57-1106	A-2220-10B197
09-57-1115	A-2220-11A197	09-78-1111	A-2220-11A502		A-2220-11AB502	09-57-1116	A-2220-11B197
09-57-1125	A-2220-12A197	09-78-1121	A-2220-12A502	09-78-1127	A-2220-12AB502	09-57-1126	A-2220-12B197
09-57-1135	A-2220-13A197	09-78-1131	A-2220-13A502		A-2220-13AB502	09-57-1136	A-2220-13B197
09-57-1145	A-2220-14A197	09-78-1141	A-2220-14A502		A-2220-14AB502	09-57-1146	A-2220-14B197
09-57-1155	A-2220-15A197	09-78-1151	A-2220-15A502	09-78-1157	A-2220-15AB502	09-57-1156	A-2220-15B197
09-57-1165	A-2220-16A197	09-78-1161	A-2220-16A502		A-2220-16AB502	09-57-1166	A-2220-16B197
09-57-1175	A-2220-17A197	09-78-1171	A-2220-17A502		A-2220-17AB502	09-57-1176	A-2220-17B197
09-57-1185	A-2220-18A197	09-78-1181	A-2220-18A502		A-2220-18AB502	09-57-1186	A-2220-18B197

ADD PN CHART EC NO: UCP2013-1310 DRW:KIPPER 2012/10/02 CHKD:SSOUSEK 2012/10/02 APPR:FSMITH 2012/10/09	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	0 PLACE ± ±	DRAWN BY KSS	DATE 1984/10/30	TITLE WAFER ASSEMBLY CHASSIS MOUNT, KK 2220 SERIES DWG.		
		ANGULAR ±1/2°					CHECKED BY DMS	DATE 1984/10/30			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					APPROVED BY FSMITH	DATE 2012/01/06	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-2220	SHEET NO. 2 OF 2

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