

FCQ176- PB8 / X,Y Coordinates

.400-Inch X .400-Inch Die Sizes

Perimeter Design

(0,0) is located at the center of the die.

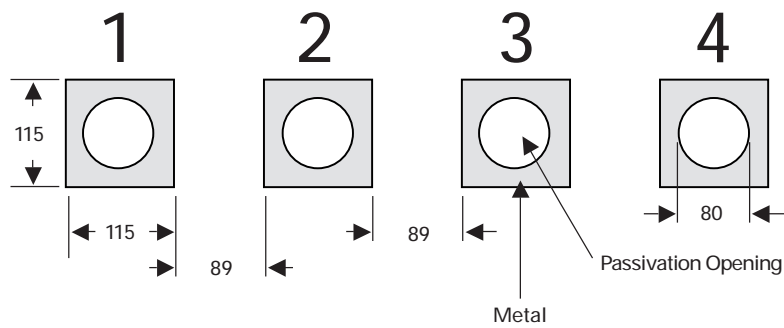
PIN#	NAME	Microns		PIN#	NAME	Microns	
		X	Y			X	Y
1	Pin1	-4682	4886	43	Pin43	4478	4886
2	Pin2	-4478	4886	44	Pin44	4682	4886
3	Pin3	-4274	4886	45	Pin45	4886	4682
4	Pin4	-4070	4886	46	Pin46	4886	4478
5	Pin5	-3866	4886	47	Pin47	4886	4274
6	Pin6	-3662	4886	48	Pin48	4886	4070
7	Pin7	-3458	4886	49	Pin49	4886	3866
8	Pin8	-3254	4886	50	Pin50	4886	3662
9	Pin9	-3050	4886	51	Pin51	4886	3458
10	Pin10	-2846	4886	52	Pin52	4886	3254
11	Pin11	-2642	4886	53	Pin53	4886	3050
12	Pin12	-2438	4886	54	Pin54	4886	2846
13	Pin13	-2234	4886	55	Pin55	4886	2642
14	Pin14	-2030	4886	56	Pin56	4886	2438
15	Pin15	-1826	4886	57	Pin57	4886	2234
16	Pin16	-1622	4886	58	Pin58	4886	2030
17	Pin17	-1418	4886	59	Pin59	4886	1826
18	Pin18	-1214	4886	60	Pin60	4886	1622
19	Pin19	-1010	4886	61	Pin61	4886	1418
20	Pin20	-806	4886	62	Pin62	4886	1214
21	Pin21	-602	4886	63	Pin63	4886	1010
22	Pin22	-398	4886	64	Pin64	4886	806
23	Pin23	398	4886	65	Pin65	4886	602
24	Pin24	602	4886	66	Pin66	4886	398
25	Pin25	806	4886	67	Pin67	4886	-398
26	Pin26	1010	4886	68	Pin68	4886	-602
27	Pin27	1214	4886	69	Pin69	4886	-806
28	Pin28	1418	4886	70	Pin70	4886	-1010
29	Pin29	1622	4886	71	Pin71	4886	-1214
30	Pin30	1826	4886	72	Pin72	4886	-1418
31	Pin31	2030	4886	73	Pin73	4886	-1622
32	Pin32	2234	4886	74	Pin74	4886	-1826
33	Pin33	2438	4886	75	Pin75	4886	-2030
34	Pin34	2642	4886	76	Pin76	4886	-2234
35	Pin35	2846	4886	77	Pin77	4886	-2438
36	Pin36	3050	4886	78	Pin78	4886	-2642
37	Pin37	3254	4886	79	Pin79	4886	-2846
38	Pin38	3458	4886	80	Pin80	4886	-3050
40	Pin40	3866	4886	81	Pin81	4886	-3254
41	Pin41	4070	4886	82	Pin82	4886	-3458
42	Pin42	4274	4886	83	Pin83	4886	-3662

Microns				Microns			
PIN#	NAME	X	Y	PIN#	NAME	X	Y
84	Pin84	4886	-3866	131	Pin131	-4478	-4886
85	Pin85	4886	-4070	132	Pin132	-4682	-4886
86	Pin86	4886	-4274	133	Pin133	-4886	-4682
87	Pin87	4886	-4478	134	Pin134	-4886	-4478
88	Pin88	4886	-4682	135	Pin135	-4886	-4274
89	Pin89	4682	-4886	136	Pin136	-4886	-4070
90	Pin90	4478	-4886	137	Pin137	-4886	-3866
91	Pin91	4274	-4886	138	Pin138	-4886	-3662
92	Pin92	4070	-4886	139	Pin139	-4886	-3458
93	Pin93	3866	-4886	140	Pin140	-4886	-3254
94	Pin94	3662	-4886	141	Pin141	-4886	-3050
95	Pin95	3458	-4886	142	Pin142	-4886	-2846
96	Pin96	3254	-4886	143	Pin143	-4886	-2642
97	Pin97	3050	-4886	144	Pin144	-4886	-2438
98	Pin98	2846	-4886	145	Pin145	-4886	-2234
99	Pin99	2642	-4886	146	Pin146	-4886	-2030
100	Pin100	2438	-4886	147	Pin147	-4886	-1826
101	Pin101	2234	-4886	148	Pin148	-4886	-1622
102	Pin102	2030	-4886	149	Pin149	-4886	-1418
104	Pin104	1622	-4886	150	Pin150	-4886	-1214
105	Pin105	1418	-4886	151	Pin151	-4886	-1010
106	Pin106	1214	-4886	152	Pin152	-4886	-806
107	Pin107	1010	-4886	153	Pin153	-4886	-602
108	Pin108	806	-4886	154	Pin154	-4886	-398
109	Pin109	602	-4886	155	Pin155	-4886	398
110	Pin110	398	-4886	156	Pin156	-4886	602
111	Pin111	-398	-4886	157	Pin157	-4886	806
112	Pin112	-602	-4886	158	Pin158	-4886	1010
113	Pin113	-806	-4886	159	Pin159	-4886	1214
114	Pin114	-1010	-4886	160	Pin160	-4886	1418
115	Pin115	-1214	-4886	161	Pin161	-4886	1622
116	Pin116	-1418	-4886	162	Pin162	-4886	1826
117	Pin117	-1622	-4886	163	Pin163	-4886	2030
118	Pin118	-1826	-4886	164	Pin164	-4886	2234
119	Pin119	-2030	-4886	165	Pin165	-4886	2438
120	Pin120	-2234	-4886	166	Pin166	-4886	2642
121	Pin121	-2438	-4886	167	Pin167	-4886	2846
122	Pin122	-2642	-4886	168	Pin168	-4886	3050
123	Pin123	-2846	-4886	169	Pin169	-4886	3254
124	Pin124	-3050	-4886	170	Pin170	-4886	3458
125	Pin125	-3254	-4886	171	Pin171	-4886	3662
126	Pin126	-3458	-4886	172	Pin172	-4886	3866
127	Pin127	-3662	-4886	173	Pin173	-4886	4070
128	Pin128	-3866	-4886	174	Pin174	-4886	4274
129	Pin129	-4070	-4886	175	Pin175	-4886	4478
130	Pin130	-4274	-4886	176	Pin176	-4886	4682

Quartz Die For Underfill Experiments

FCQ176 Quartz Die For Underfill Experiments

Dimensional Information



All Units are in Microns.

The test die offered on this web site are to be used to characterize assembly processes and materials. Applying the data from the test die to a functional system is the responsibility of the user. TopLine makes no warranty, express or implied including the implied warranties of merchantability and fitness for a particular purpose, that the user's system designed using that data will perform as intended by the user.

www.TopLine.tv

TopLine
95 Highway 22 W.
Milledgeville, GA 31061 USA
Tel: 1-800-776-9888

E-Mail: info@topline.tv