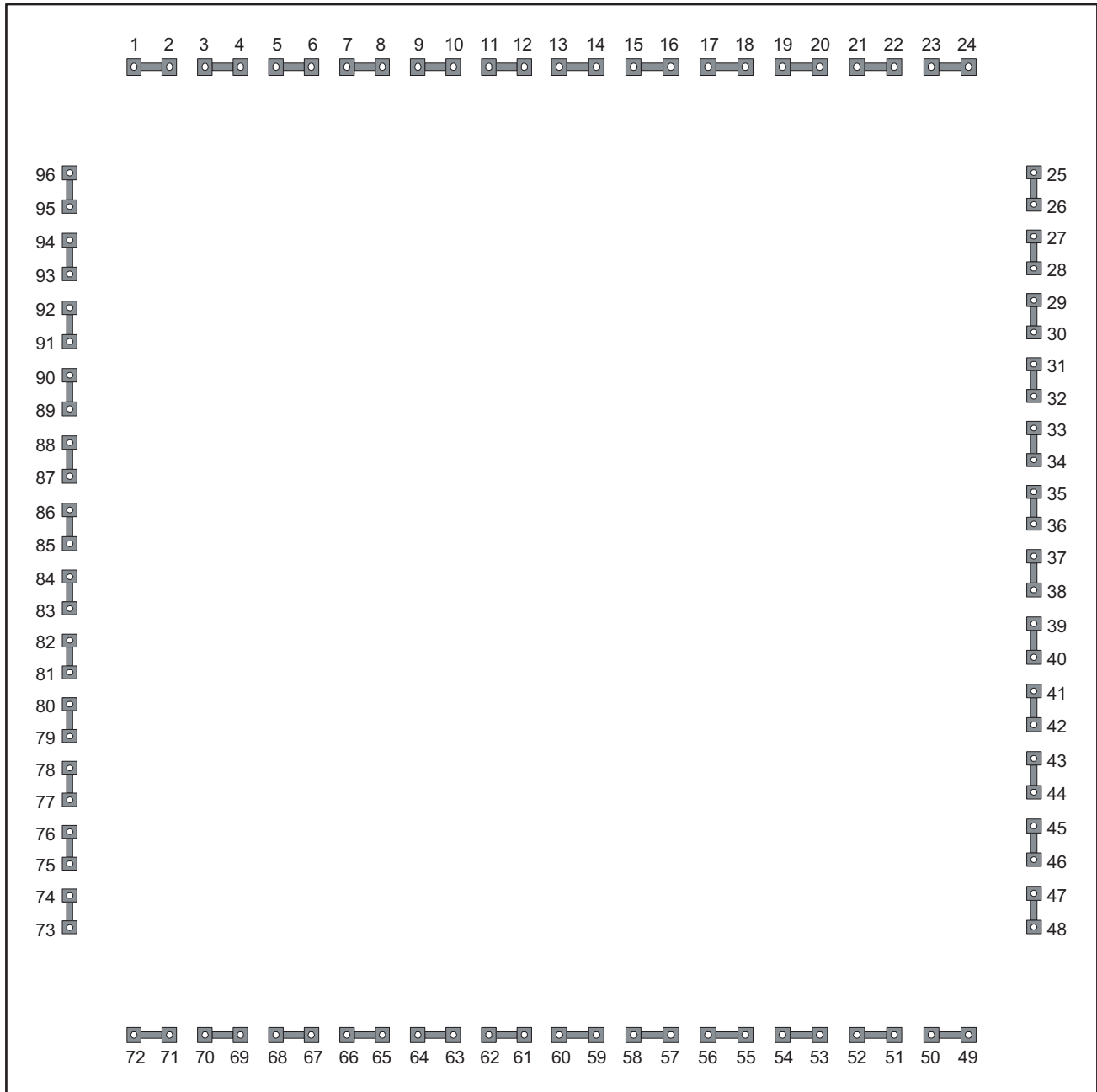
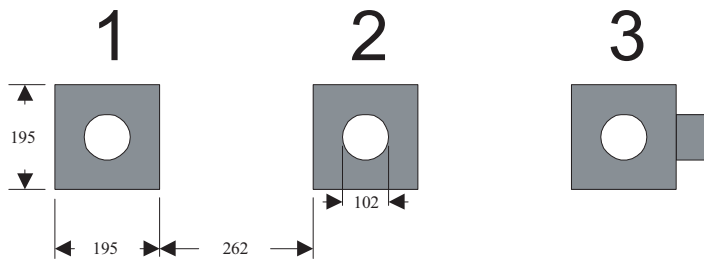


FCQ96 - FBT500 / X,Y Coordinates .50-Inch X .50-Inch Die Sizes



Daisy Chain Dimensional Information



All Units are Microns.

Quartz Test Die For Underfill Experiments

FCQ96 - FBT500 / X,Y Coordinates

.50-Inch X .50-Inch Die Sizes

(0.0) is located at the center of the die.

Microns				Microns			
PIN#	NAME	X	Y	PIN#	NAME	X	Y
1	Pin1	-5689.600	6149.800	49	Pin49	5689.600	-6149.800
2	Pin2	-5232.400	6149.800	50	Pin50	5232.400	-6149.800
3	Pin3	-4775.200	6149.800	51	Pin51	4775.200	-6149.800
4	Pin4	-4318.000	6149.800	52	Pin52	4318.000	-6149.800
5	Pin5	-3860.800	6149.800	53	Pin53	3860.800	-6149.800
6	Pin6	-3403.600	6149.800	54	Pin54	3403.600	-6149.800
7	Pin7	-2946.400	6149.800	55	Pin55	2946.400	-6149.800
8	Pin8	-2489.200	6149.800	56	Pin56	2489.200	-6149.800
9	Pin9	-2032.000	6149.800	57	Pin57	2032.000	-6149.800
10	Pin10	-1574.800	6149.800	58	Pin58	1574.800	-6149.800
11	Pin11	-1117.600	6149.800	59	Pin59	1117.600	-6149.800
12	Pin12	-660.400	6149.800	60	Pin60	660.400	-6149.800
13	Pin13	660.400	6149.800	61	Pin61	-660.400	-6149.800
14	Pin14	1117.600	6149.800	62	Pin62	-1117.600	-6149.800
15	Pin15	1574.800	6149.800	63	Pin63	-1574.800	-6149.800
16	Pin16	2032.000	6149.800	64	Pin64	-2032.000	-6149.800
17	Pin17	2489.200	6149.800	65	Pin65	-2489.200	-6149.800
18	Pin18	2946.400	6149.800	66	Pin66	-2946.400	-6149.800
19	Pin19	3403.600	6149.800	67	Pin67	-3403.600	-6149.800
20	Pin20	3860.800	6149.800	68	Pin68	-3860.800	-6149.800
21	Pin21	4318.000	6149.800	69	Pin69	-4318.000	-6149.800
22	Pin22	4775.200	6149.800	70	Pin70	-4775.200	-6149.800
23	Pin23	5232.400	6149.800	71	Pin71	-5232.400	-6149.800
24	Pin24	5689.600	6149.800	72	Pin72	-5689.600	-6149.800
25	Pin25	6149.800	5689.600	73	Pin73	-6149.800	-5689.600
26	Pin26	6149.800	5232.400	74	Pin74	-6149.800	-5232.400
27	Pin27	6149.800	4775.200	75	Pin75	-6149.800	-4775.200
28	Pin28	6149.800	4318.000	76	Pin76	-6149.800	-4318.000
29	Pin29	6149.800	3860.800	77	Pin77	-6149.800	-3860.800
30	Pin30	6149.800	3403.600	78	Pin78	-6149.800	-3403.600
31	Pin31	6149.800	2946.400	79	Pin79	-6149.800	-2946.400
32	Pin32	6149.800	2489.200	80	Pin80	-6149.800	-2489.200
33	Pin33	6149.800	2032.000	81	Pin81	-6149.800	-2032.000
34	Pin34	6149.800	1574.800	82	Pin82	-6149.800	-1574.800
35	Pin35	6149.800	1117.600	83	Pin83	-6149.800	-1117.600
36	Pin36	6149.800	660.400	84	Pin84	-6149.800	-660.400
37	Pin37	6149.800	-660.400	85	Pin85	-6149.800	660.400
38	Pin38	6149.800	-1117.600	86	Pin86	-6149.800	1117.600
39	Pin39	6149.800	-1574.800	87	Pin87	-6149.800	1574.800
40	Pin40	6149.800	-2032.000	88	Pin88	-6149.800	2032.000
41	Pin41	6149.800	-2489.200	89	Pin89	-6149.800	2489.200
42	Pin42	6149.800	-2946.400	90	Pin90	-6149.800	2946.400
43	Pin43	6149.800	-3403.600	91	Pin91	-6149.800	3403.600
44	Pin44	6149.800	-3860.800	92	Pin92	-6149.800	3860.800
45	Pin45	6149.800	-4318.000	93	Pin93	-6149.800	4318.000
46	Pin46	6149.800	-4775.200	94	Pin94	-6149.800	4775.200
47	Pin47	6149.800	-5232.400	95	Pin95	-6149.800	5232.400
48	Pin48	6149.800	-5689.600	96	Pin96	-6149.800	5689.600

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.

Website:
www.TopLine.tv

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

E-Mail: info@topline.tv