

TABLE 6. BGA technology chart for 0.8-mm and 1-mm pitch BGA parts. All dimensions in mm.

BGA PIN PITCH	BGA BALL DIA	BGA LAND LAND SIZE	VIA PAD SIZE	VIA HOLE SIZE	PLANE CLEARANCE	TRACE WIDTH	TRACE/ TRACE SPACE	TRACE/ VIA SPACE	ROUTE GRID	VIA GRID	PART PLACE GRID
0.8	0.5	0.45	0.5	0.25	0.7	0.1	0.1	0.125	0.1	0.2	1
0.8	0.5	0.45	0.45	0.2	0.65	0.125	0.125	0.1	0.05	0.2	1
1	0.6	0.5	0.5	0.25	0.7	0.1	0.1	0.1	0.1	0.5	0.5