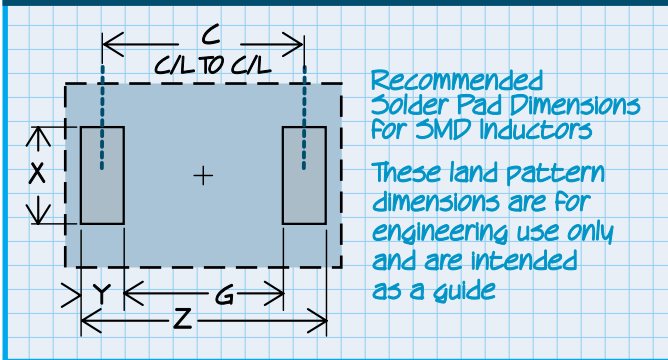


Suggested Land Patterns

Surface Mount Inductors

FIGURE 1



Suggested Surface Mount Land Patterns

(See Figure 1 at left)

The dimensions listed here are suggested land patterns. The values in this table will usually provide for a positive solder fillet. The user may increase or decrease the values based on process capability.

* For 4221, EMIxxx, Cxxxx, LLST: Actual dimensions with modified tolerances were used to achieve greater accuracy. On other series, max. specs. were used.

For Series Numbers not listed, see individual pages for these dimensions

SERIES	INCHES ± .005					MILLIMETERS ± 0.12				
	Z	G	Y	X	C	Z	G	Y	X	C
103, 105, 108, 3090	0.160	0.035	0.050	0.130	0.110	4.06	0.890	1.27	3.30	2.79
160, 4379, 3094	0.205	0.095	0.055	0.145	0.150	5.21	2.41	1.40	3.68	3.81
1008, S1008, 1008HF, 4302	0.165	0.055	0.055	0.080	0.110	4.19	1.40	1.40	2.03	2.79
1210, S1210, 4232	0.188	0.088	0.050	0.081	0.138	4.78	2.24	1.27	2.06	3.51
1330, P1330, 1331	0.375	0.205	0.085	0.080	0.290	9.53	5.21	2.16	2.03	7.37
1812, P1812, S1812	0.240	0.110	0.065	0.098	0.175	6.10	2.79	1.65	2.49	4.45
2510, 2512	0.305	0.095	0.105	0.065	0.200	7.75	2.41	2.67	1.65	5.08
3483, S3483	0.349	0.219	0.065	0.111	0.284	8.86	5.56	1.65	2.82	7.21
4922, 4924, 5022	0.570	0.370	0.100	0.095	0.470	14.48	9.40	2.54	2.41	11.94
8532	0.930	0.676	0.127	0.130	0.803	23.62	17.17	3.23	3.30	20.40
4221-1	0.230	0.086	0.080	0.062	0.150	5.84	2.18	2.03	1.57	3.81
4221-2	0.402	0.211	0.087	0.060	0.315	10.21	5.35	2.21	1.52	8.00
4221-3	0.245	0.085	0.085	0.062	0.160	6.22	2.16	2.16	1.57	4.06
4221-4	0.380	0.171	0.095	0.095	0.285	9.65	4.34	2.41	2.41	7.24
C1608	0.119	0.039	0.040	0.042	0.079	3.02	0.99	1.02	1.07	2.01
C2012	0.135	0.049	0.043	0.067	0.092	3.43	1.24	1.09	1.70	2.34
EMI0603	0.115	0.029	0.043	0.042	0.072	2.92	0.74	1.09	1.07	1.83
EMI0805	0.133	0.033	0.050	0.057	0.083	3.38	0.84	1.27	1.45	2.11
EMI1206	0.178	0.078	0.050	0.082	0.128	4.52	1.98	1.27	2.08	3.25
EMI1210	0.179	0.081	0.050	0.120	0.129	4.55	2.06	1.27	3.05	3.28
EMI1806	0.230	0.121	0.056	0.086	0.174	5.84	3.07	1.42	2.18	4.42
EMI1812	0.230	0.121	0.056	0.148	0.174	5.84	3.07	1.42	3.76	4.42
LLST	0.450	0.344	0.053	0.355	0.397	11.43	8.74	1.35	9.02	10.08
M0820	0.305	0.118	0.085	0.101	0.220	7.75	3.00	2.16	2.57	5.59
M1330, M1331	0.370	0.240	0.065	0.115	0.305	9.40	6.10	1.65	2.92	7.75
PD104/105	0.445	0.095	0.175	0.376	0.270	11.30	2.41	4.45	9.55	6.86
PD43	0.225	0.043	0.091	0.181	0.134	5.72	1.09	2.31	4.60	3.40
PD54	0.282	0.056	0.113	0.226	0.169	7.16	1.42	2.87	5.74	4.29
PD75	0.361	0.071	0.145	0.297	0.216	9.17	1.80	3.68	7.54	5.49
SPD125/127	0.535	0.285	0.125	0.220	0.410	13.59	7.24	3.18	5.59	10.41
SPD73/74	0.355	0.175	0.090	0.130	0.265	9.02	4.45	2.29	3.30	6.73
SPD62	0.290	0.150	0.070	0.080	0.220	7.36	3.81	1.78	2.03	5.59