

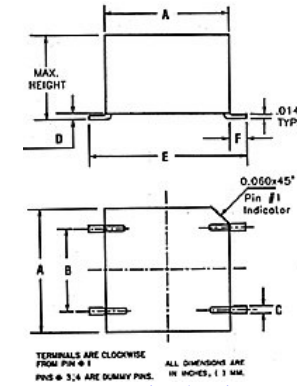


Low Profile Power Inductors

These inductors utilize special techniques to minimize cross coupling and give the utmost in shielding efficiency. They are ideal for Noise, Spike and Power Filtering Applications in Power Supplies, DC-DC Converters and Switching Regulators.

PICO surface mount units utilize materials and methods to withstand extreme temperature of vapor phase, I.R., and other reflow procedures without degradation of electrical or mechanical characteristics.

- **HANDLE LARGE TRANSIENT DC CURRENTS**
- **MINIMUM POSSIBLE SIZE**
- **MANUFACTURED TO MIL-PRF-27, Grade 5, Class S**
- **LARGE SELECTION OF SIZES AVAILABLE**
- **SPECIAL HIGH FREQUENCY CORE MATERIAL TO INSURE LOW LOSSES**



[Larger size drawing](#)

Size	Max. Height	A	B	C	D	E	F
00	.180 (4.57)	.380 (9.65)	.280 (7.11)	.025 (.64)	.015 (.38)	.500 (12.70)	.060 (1.52)
0	.210 (4.83)	.450 (11.43)	.300 (7.62)	.025 (.64)	.020 (.51)	.570 (14.48)	.060 (1.52)
1	.305 (7.75)	.450 (11.43)	.300 (7.62)	.025 (.64)	.020 (.51)	.570 (14.48)	.060 (1.52)
2	.360 (9.14)	.550 (14.00)	.400 (10.16)	.030 (.76)	.025 (.64)	.670 (17.02)	.060 (1.52)
3	.360 (9.14)	.650 (16.51)	.500 (12.70)	.030 (.76)	.025 (.64)	.770 (19.56)	.060 (1.52)
4	.455 (11.56)	.850 (21.59)	.600 (15.24)	.055 (1.40)	.025 (.64)	1.050 (26.67)	.100 (2.54)

SIZE 00							
L 0 DC MICROHY (μH)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	PICO PART NUMBER	PRICE (1-9) (US \$)
2	3.84	5.56	7.0	.005	24.7	73905	35.40
3.5	2.9	4.2	5.3	.009	18.7	73910	35.40
5	2.43	3.5	4.43	.0128	15.7	73915	35.40
8	1.92	2.78	3.5	.0206	12.4	73920	35.40
10	1.72	2.49	3.13	.026	11.1	73925	35.40
15	1.4	2.03	2.56	.039	9.04	73930	35.40
20	1.22	1.76	2.21	.051	7.83	73935	35.40

25	1.09	1.57	1.98	.064	7	73940	35.40
30	.99	1.44	1.81	.077	6.4	73945	35.40
35	.92	1.33	1.67	.090	5.92	73950	35.40
40	.86	1.24	1.57	.103	5.53	73955	35.40
45	.81	1.17	1.48	.116	5.22	73960	35.40
50	.77	1.11	1.4	.129	4.95	73965	35.40

SIZE 0

L 0 DC MICROHY (μH)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	PICO PART NUMBER	PRICE (1-9) (US \$)
5	3.35	4.47	5.59	.012	10	73796	35.40
10	2.37	3.16	3.95	.024	7.07	73797	35.40
15	1.93	2.58	3.23	.036	5.77	73798	35.40
20	1.68	2.24	2.80	.048	5	73799	35.40
25	1.5	2.0	2.5	.06	4.5	73800	35.40
50	1.06	1.4	1.7	.12	3.3	73805	35.40
75	.85	1.1	1.4	.18	2.7	73810	35.40
100	.75	1.0	1.2	.24	2.3	73815	35.40
150	.61	.81	.97	.36	2.0	73820	35.40
200	.53	.70	.84	.48	1.7	73825	35.40
250	.47	.60	.79	.60	1.5	73830	35.40
500	.33	.42	.55	1.2	1.0	73832	35.40
750	.27	.36	.45	1.80	.80	73835	35.40
1000	.23	.31	.39	2.40	.70	73840	35.40
1500	.19	.25	.32	3.60	.60	73845	35.40
2000	.16	.22	.26	4.80	.55	73850	35.40
2500	.15	.20	.25	6.0	.50	73855	35.40
5000	.10	.14	.17	12.0	.30	73860	35.40

SIZE 1

L 0 DC MICROHY (μH)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	PICO PART NUMBER	PRICE (1-9) (US \$)
5	4.25	5.8	7.38	.0064	10	73001	35.40
10	3	4.1	5.22	.0128	7.07	73002	35.40
15	2.45	3.35	4.26	.0192	5.77	73003	35.40
20	2.13	2.9	3.69	.0256	5	73004	35.40
25	1.9	2.6	3.3	.032	4.5	73005	35.40
50	1.34	1.84	2.33	.064	3.3	73010	35.40
75	1.10	1.50	1.91	.098	2.7	73015	35.40
100	0.95	1.30	1.65	.128	2.25	73020	35.40
150	.77	1.0	1.30	.192	1.9	73022	35.40
200	.67	0.91	1.10	.256	1.3	73023	35.40
250	0.60	0.82	1.04	.32	1.5	73025	35.40
500	.42	.57	.73	.64	1.0	73027	35.40
750	0.35	0.47	0.60	.96	.85	73030	35.40
1000	0.30	0.41	0.52	1.28	.73	73035	35.40
1500	0.25	0.34	0.43	1.92	.6	73040	35.40
2000	0.21	0.29	0.36	2.56	.52	73042	35.40
2500	0.19	0.26	0.33	3.2	.45	73045	35.40
5000	0.13	0.18	0.23	6.4	.33	73050	35.40

SIZE 2

L 0 DC MICROHY (μH)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	PICO PART NUMBER	PRICE (1-9) (US \$)
5	5.6	8.27	10.5	0.004	10	73111	35.40

10	3.96	5.86	7.42	0.008	7.07	73112	35.40
15	3.23	4.77	6.06	0.012	5.77	73113	35.40
20	2.8	4.14	5.25	0.016	5	73114	35.40
25	2.5	3.7	4.7	0.020	4.5	73115	35.40
50	1.77	2.61	3.30	0.040	3.3	73120	35.40
75	1.44	2.14	2.71	0.060	2.7	73125	35.40
100	1.25	1.85	2.35	0.080	2.25	73130	35.40
150	1.0	1.50	1.90	0.12	1.9	73132	35.40
200	0.88	1.30	1.60	0.16	1.3	73133	35.40
250	0.79	1.17	1.49	0.20	1.5	73135	35.40
500	.55	.82	1.0	0.40	1.0	73137	35.40
750	0.46	0.68	0.86	0.60	.85	73140	35.40
1000	0.40	0.59	0.74	0.80	.73	73145	35.40
1500	0.32	0.48	0.61	1.20	.6	73150	35.40
2000	0.28	0.41	0.50	1.60	.52	73152	35.40
2500	0.25	0.37	0.47	2.00	.45	73155	35.40
5000	0.18	0.26	0.33	4.00	.33	73160	35.40

SIZE 3

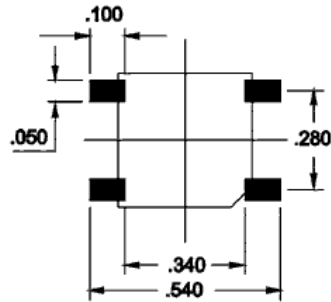
L 0 DC MICROHY (μH)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	PICO PART NUMBER	PRICE (1-9) (US \$)
5	6.7	9.84	12.5	.003	8.9	73201	35.40
10	4.74	6.96	8.84	.006	6.29	73202	35.40
15	3.87	5.68	7.22	.009	5.14	73203	35.40
20	3.35	4.92	6.25	.012	4.45	73204	35.40
25	3.0	4.4	5.6	.015	4.0	73205	35.40
50	2.12	3.11	4.00	0.03	3.0	73210	35.40
75	1.73	2.54	3.23	0.05	2.4	73215	35.40
100	1.50	2.20	2.80	0.06	2.0	73220	35.40
150	1.20	1.70	2.20	0.09	1.5	73222	35.40
200	1.00	1.50	1.90	0.12	1.0	73223	35.40
250	0.95	1.39	1.77	0.15	1.3	73225	35.40
500	0.67	0.98	1.25	0.30	1.0	73227	35.40
750	0.55	0.80	1.02	0.45	.75	73230	35.40
1000	0.47	0.70	0.89	0.60	.65	73235	35.40
1500	0.39	0.57	0.72	0.90	.55	73240	35.40
2000	0.33	0.49	0.62	1.20	.46	73242	35.40
2500	0.30	0.44	0.56	1.50	.40	73245	35.40
5000	0.21	0.31	0.40	3.00	.30	73250	35.40

SIZE 4

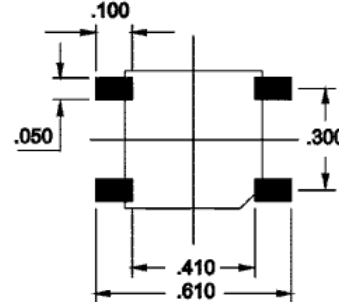
L 0 DC MICROHY (μH)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	PICO PART NUMBER	PRICE (1-9) (US \$)
5	14	22	28.4	.0024	8.9	73301	35.40
10	9.9	15.56	20	.0048	6.29	73302	35.40
15	8.1	12.7	16.4	.0072	5.14	73303	35.40
20	7	11	14.2	.0096	4.45	73304	35.40
25	6.3	9.8	12.7	.012	4.0	73305	35.40
50	4.5	7	9	.024	3.0	73310	35.40
75	3.6	5.7	7.3	.036	2.4	73315	35.40
100	3.1	4.9	6.3	.048	2.0	73320	35.40
150	2.5	4	5.1	.072	1.7	73325	35.40
200	2.2	3.4	4.5	.096	1.5	73330	35.40
250	2	3.1	4	.12	1.3	73335	35.40
500	1.4	2.2	2.8	.24	1.0	73337	35.40
750	1.15	1.79	2.3	.36	.75	73340	35.40
1000	1	1.55	2	.48	.65	73345	35.40
1500	.81	1.27	1.64	.72	.55	73350	35.40
2000	.7	1.1	1.42	.96	.47	73355	35.40

2500	.63	.98	1.27	1.2	.40	73360	35.40
5000	.45	.69	.9	2.4	.30	73365	35.40

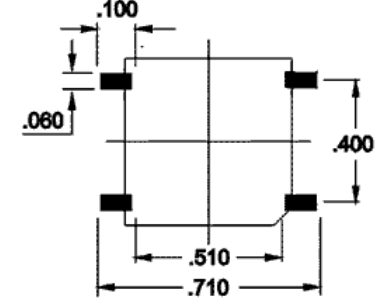
**RECOMMENDED LAND PATTERN DIMENSIONS
PICO 73000 Series Size 00**



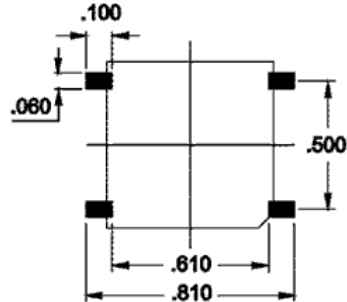
**RECOMMENDED LAND PATTERN DIMENSIONS
PICO 73000 Series Size 01**



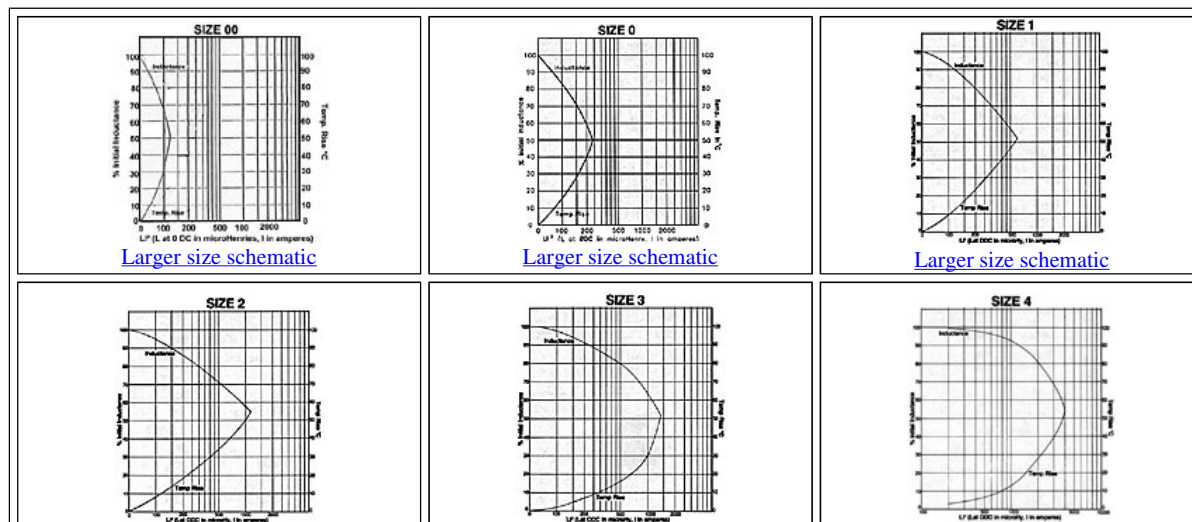
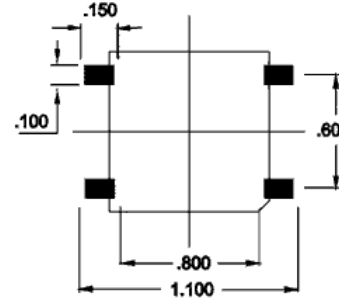
**RECOMMENDED LAND PATTERN DIMENSIONS
PICO 73000 Series Size 02**



**RECOMMENDED LAND PATTERN DIMENSIONS
PICO 73000 Series Size 03**



**RECOMMENDED LAND PATTERN DIMENSIONS
PICO 73000 Series Size 04**



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