

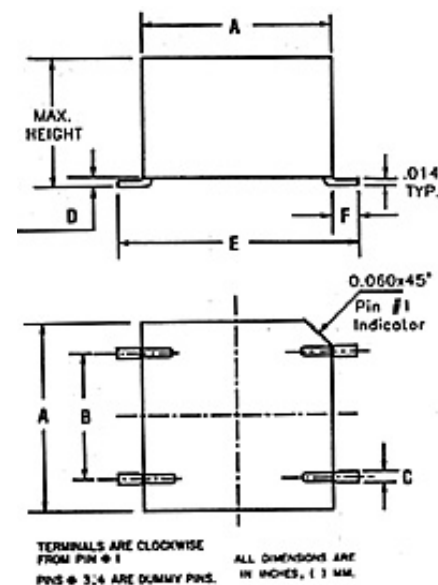


Low Profile Power Inductors

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)
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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)
2	3.84	5.56	7.0	.005	24.7	73905	28.22
3.5	2.9	4.2	5.3	.009	18.7	73910	28.22
5	2.43	3.5	4.43	.0128	15.7	73915	28.22
8	1.92	2.78	3.5	.0206	12.4	73920	28.22
10	1.72	2.49	3.13	.026	11.1	73925	28.22
15	1.4	2.03	2.56	.039	9.04	73930	28.22
20	1.22	1.76	2.21	.051	7.83	73935	28.22
25	1.09	1.57	1.98	.064	7	73940	28.22
30	.99	1.44	1.81	.077	6.4	73945	28.22
35	.92	1.33	1.67	.090	5.92	73950	28.22
40	.86	1.24	1.57	.103	5.53	73955	28.22
45	.81	1.17	1.48	.116	5.22	73960	28.22
50	.77	1.11	1.4	.129	4.95	73965	28.22

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)
5	3.35	4.47	5.59	.012	10	73796	28.22
10	2.37	3.16	3.95	.024	7.07	73797	28.22
15	1.93	2.58	3.23	.036	5.77	73798	28.22
20	1.68	2.24	2.80	.048	5	73799	28.22
25	1.5	2.0	2.5	.06	4.5	73800	28.22
50	1.06	1.4	1.7	.12	3.3	73805	28.22
75	.85	1.1	1.4	.18	2.7	73810	28.22
100	.75	1.0	1.2	.24	2.3	73815	28.22
150	.61	.81	.97	.36	2.0	73820	28.22
200	.53	.70	.84	.48	1.7	73825	28.22
250	.47	.60	.79	.60	1.5	73830	28.22
500	.33	.42	.55	1.2	1.0	73832	28.22
750	.27	.36	.45	1.80	.80	73835	28.22

1000	.23	.31	.39	2.40	.70	73840	28.22
1500	.19	.25	.32	3.60	.60	73845	28.22
2000	.16	.22	.26	4.80	.55	73850	28.22
2500	.15	.20	.25	6.0	.50	73855	28.22
5000	.10	.14	.17	12.0	.30	73860	28.22

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)
5	4.25	5.8	7.38	.0064	10	73001	28.22
10	3	4.1	5.22	.0128	7.07	73002	28.22
15	2.45	3.35	4.26	.0192	5.77	73003	28.22
20	2.13	2.9	3.69	.0256	5	73004	28.22
25	1.9	2.6	3.3	.032	4.5	73005	28.22
50	1.34	1.84	2.33	.064	3.3	73010	28.22
75	1.10	1.50	1.91	.098	2.7	73015	28.22
100	0.95	1.30	1.65	.128	2.25	73020	28.22
150	.77	1.0	1.30	.192	1.9	73022	28.22
200	.67	0.91	1.10	.256	1.3	73023	28.22
250	0.60	0.82	1.04	.32	1.5	73025	28.22
500	.42	.57	.73	.64	1.0	73027	28.22
750	0.35	0.47	0.60	.96	.85	73030	28.22
1000	0.30	0.41	0.52	1.28	.73	73035	28.22
1500	0.25	0.34	0.43	1.92	.6	73040	28.22
2000	0.21	0.29	0.36	2.56	.52	73042	28.22
2500	0.19	0.26	0.33	3.2	.45	73045	28.22
5000	0.13	0.18	0.23	6.4	.33	73050	28.22

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)
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5	5.6	8.27	10.5	0.004	10	73111	28.22
10	3.96	5.86	7.42	0.008	7.07	73112	28.22
15	3.23	4.77	6.06	0.012	5.77	73113	28.22
20	2.8	4.14	5.25	0.016	5	73114	28.22
25	2.5	3.7	4.7	0.020	4.5	73115	28.22
50	1.77	2.61	3.30	0.040	3.3	73120	28.22
75	1.44	2.14	2.71	0.060	2.7	73125	28.22
100	1.25	1.85	2.35	0.080	2.25	73130	28.22
150	1.0	1.50	1.90	0.12	1.9	73132	28.22
200	0.88	1.30	1.60	0.16	1.3	73133	28.22
250	0.79	1.17	1.49	0.20	1.5	73135	28.22
500	.55	.82	1.0	0.40	1.0	73137	28.22
750	0.46	0.68	0.86	0.60	.85	73140	28.22
1000	0.40	0.59	0.74	0.80	.73	73145	28.22
1500	0.32	0.48	0.61	1.20	.6	73150	28.22
2000	0.28	0.41	0.50	1.60	.52	73152	28.22
2500	0.25	0.37	0.47	2.00	.45	73155	28.22
5000	0.18	0.26	0.33	4.00	.33	73160	28.22

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)
5	6.7	9.84	12.5	.003	8.9	73201	28.22
10	4.74	6.96	8.84	.006	6.29	73202	28.22
15	3.87	5.68	7.22	.009	5.14	73203	28.22
20	3.35	4.92	6.25	.012	4.45	73204	28.22
25	3.0	4.4	5.6	.015	4.0	73205	28.22
50	2.12	3.11	4.00	0.03	3.0	73210	28.22
75	1.73	2.54	3.23	0.05	2.4	73215	28.22
100	1.50	2.20	2.80	0.06	2.0	73220	28.22
150	1.20	1.70	2.20	0.09	1.5	73222	28.22
200	1.00	1.50	1.90	0.12	1.0	73223	28.22
250	0.95	1.39	1.77	0.15	1.3	73225	28.22
500	0.67	0.98	1.25	0.30	1.0	73227	28.22
750	0.55	0.80	1.02	0.45	.75	73230	28.22
1000	0.47	0.70	0.89	0.60	.65	73235	28.22
1500	0.39	0.57	0.72	0.90	.55	73240	28.22
2000	0.33	0.49	0.62	1.20	.46	73242	28.22
2500	0.30	0.44	0.56	1.50	.40	73245	28.22
5000	0.21	0.31	0.40	3.00	.30	73250	28.22

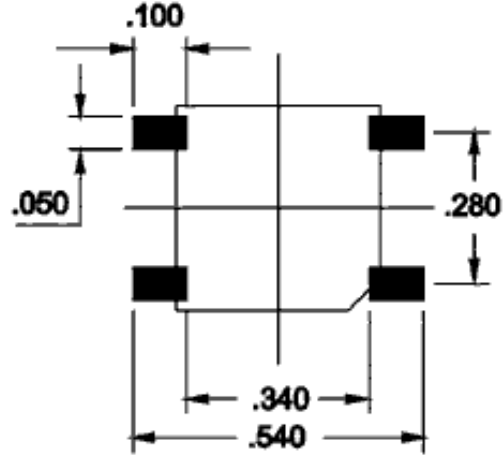
SIZE 4							
L 0 DC MICROHY (μ H)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	PICO PART NUMBER	PRICE (1-9)
5	14	22	28.4	.0024	8.9	73301	28.22
10	9.9	15.56	20	.0048	6.29	73302	28.22
15	8.1	12.7	16.4	.0072	5.14	73303	28.22
20	7	11	14.2	.0096	4.45	73304	28.22
25	6.3	9.8	12.7	.012	4.0	73305	28.22
50	4.5	7	9	.024	3.0	73310	28.22
75	3.6	5.7	7.3	.036	2.4	73315	28.22
100	3.1	4.9	6.3	.048	2.0	73320	28.22
150	2.5	4	5.1	.072	1.7	73325	28.22
200	2.2	3.4	4.5	.096	1.5	73330	28.22
250	2	3.1	4	.12	1.3	73335	28.22
500	1.4	2.2	2.8	.24	1.0	73337	28.22
750	1.15	1.79	2.3	.36	.75	73340	28.22
1000	1	1.55	2	.48	.65	73345	28.22
1500	.81	1.27	1.64	.72	.55	73350	28.22
2000	.7	1.1	1.42	.96	.47	73355	28.22
2500	.63	.98	1.27	1.2	.40	73360	28.22
5000	.45	.69	.9	2.4	.30	73365	28.22

RECOMMENDED LAND PATTERN DIMENSIONS

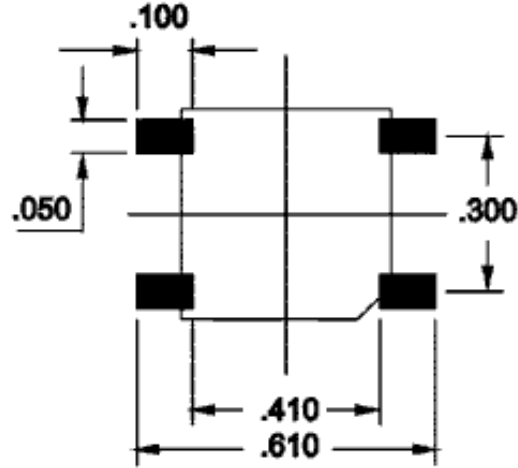
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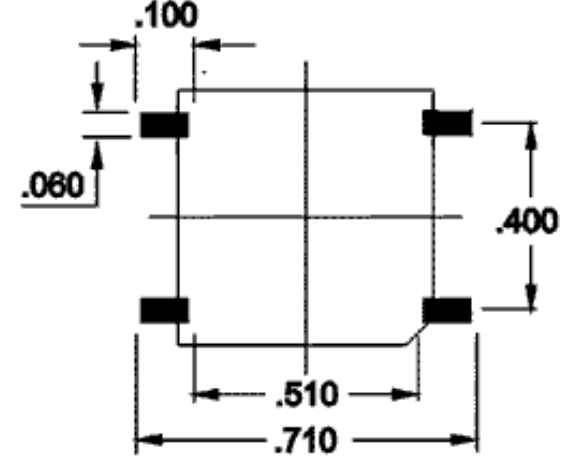
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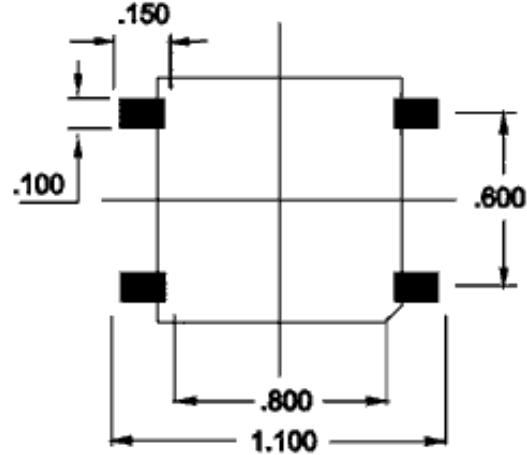
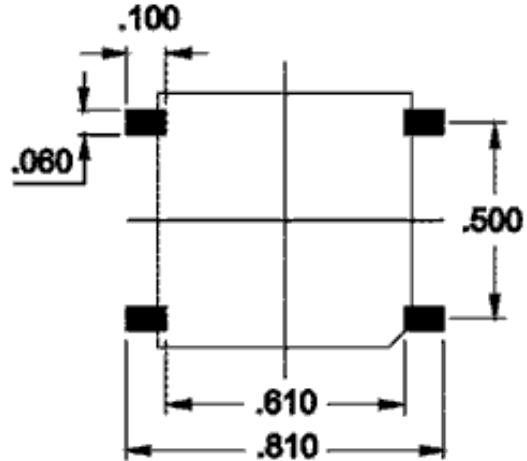
**RECOMMENDED LAND PATTERN
DIMENSIONS**

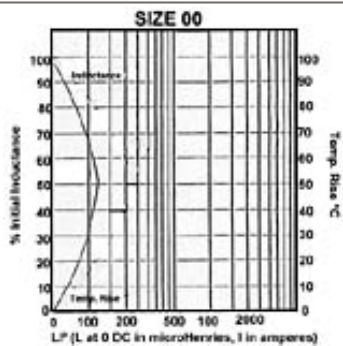


**RECOMMENDED LAND PATTERN
DIMENSIONS**

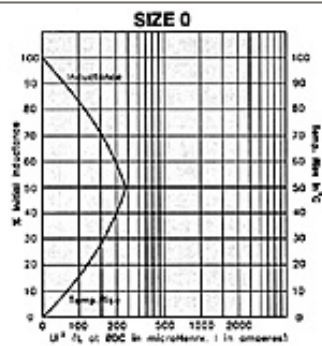


PICO 73000 Series Size 03 PICO 73000 Series Size 04

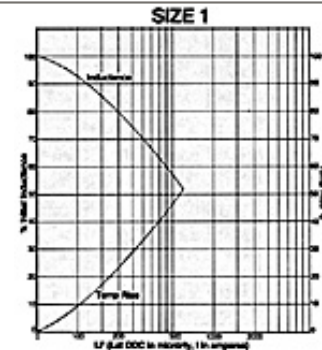




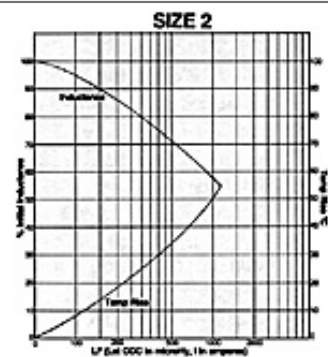
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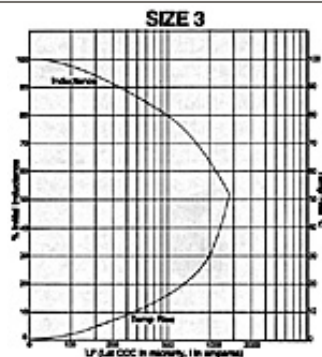
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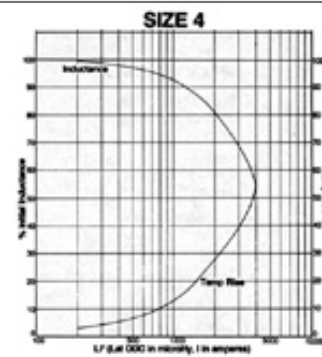
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