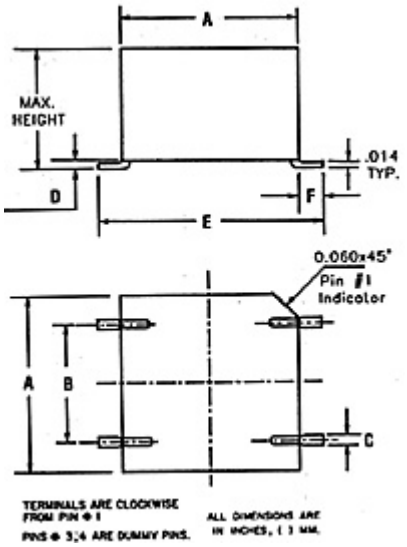
Low Profile Power Inductors

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**
- **MOISTURE SENSITIVITY LEVEL: MSL3**
- **TERMINALS:** Meets solderability per MIL-STD-202, Method 208.



Larger size drawing

Size	Max. Height	A	B	C	D	E	F	Weight (Grams)
00	.200 (5.08)	.380 (9.65)	.280 (7.11)	.025 (.64)	.015 (.38)	.500 (12.70)	.060 (1.52)	1.1
0	.225 (5.70)	.450 (11.43)	.300 (7.62)	.025 (.64)	.020 (.51)	.570 (14.48)	.060 (1.52)	1.6
1	.305 (7.75)	.450 (11.43)	.300 (7.62)	.025 (.64)	.020 (.51)	.570 (14.48)	.060 (1.52)	2.5
2	.360 (9.14)	.550 (14.00)	.400 (10.16)	.025 (.64)	.025 (.64)	.670 (17.02)	.060 (1.52)	4.5
3	.360 (9.14)	.650 (16.51)	.500 (12.70)	.030 (.76)	.025 (.64)	.770 (19.56)	.060 (1.52)	6.9
4	.455 (11.56)	.850 (21.59)	.600 (15.24)	.055 (1.40)	.025 (.64)	1.050 (26.67)	.100 (2.54)	15.5

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	59.98
3.5	2.9	4.2	5.3	.009	18.7	73910	59.98
5	2.43	3.5	4.43	.0128	15.7	73915	59.98
8	1.92	2.78	3.5	.0206	12.4	73920	59.98
10	1.72	2.49	3.13	.026	11.1	73925	59.98
15	1.4	2.03	2.56	.039	9.04	73930	59.98
20	1.22	1.76	2.21	.051	7.83	73935	59.98
25	1.09	1.57	1.98	.064	7	73940	59.98
30	.99	1.44	1.81	.077	6.4	73945	59.98
35	.92	1.33	1.67	.090	5.92	73950	59.98
40	.86	1.24	1.57	.103	5.53	73955	59.98
45	.81	1.17	1.48	.116	5.22	73960	59.98
50	.77	1.11	1.4	.129	4.95	73965	

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	59.98
10	2.37	3.16	3.95	.024	7.07	73797	59.98
15	1.93	2.58	3.23	.036	5.77	73798	59.98
20	1.68	2.24	2.80	.048	5	73799	59.98
25	1.5	2.0	2.5	.06	4.5	73800	59.98
50	1.06	1.4	1.7	.12	3.3	73805	59.98
75	.85	1.1	1.4	.18	2.7	73810	59.98
100	.75	1.0	1.2	.24	2.3	73815	59.98
150	.61	.81	.97	.36	2.0	73820	59.98
200	.53	.70	.84	.48	1.7	73825	59.98
250	.47	.60	.79	.60	1.5	73830	59.98
500	.33	.42	.55	1.2	1.0	73832	59.98
750	.27	.36	.45	1.80	.80	73835	59.98
1000	.23	.31	.39	2.40	.70	73840	59.98
1500	.19	.25	.32	3.60	.60	73845	59.98
2000	.16	.22	.26	4.80	.55	73850	59.98
2500	.15	.20	.25	6.0	.50	73855	
5000	.10	.14	.17	12.0	.30	73860	

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	59.98
10	3	4.1	5.22	.0128	7.07	73002	59.98
15	2.45	3.35	4.26	.0192	5.77	73003	59.98
20	2.13	2.9	3.69	.0256	5	73004	59.98
25	1.9	2.6	3.3	.032	4.5	73005	59.98
50	1.34	1.84	2.33	.064	3.3	73010	59.98
75	1.10	1.50	1.91	.098	2.7	73015	59.98
100	0.95	1.30	1.65	.128	2.25	73020	59.98
150	.77	1.0	1.30	.192	1.9	73022	59.98
200	.67	0.91	1.10	.256	1.3	73023	59.98
250	0.60	0.82	1.04	.32	1.5	73025	59.98
500	.42	.57	.73	.64	1.0	73027	59.98
750	0.35	0.47	0.60	.96	.85	73030	59.98
1000	0.30	0.41	0.52	1.28	.73	73035	59.98
1500	0.25	0.34	0.43	1.92	.6	73040	59.98
2000	0.21	0.29	0.36	2.56	.52	73042	59.98
2500	0.19	0.26	0.33	3.2	.45	73045	
5000	0.13	0.18	0.23	6.4	.33	73050	

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	59.98
10	3.96	5.86	7.42	0.008	7.07	73112	59.98
15	3.23	4.77	6.06	0.012	5.77	73113	59.98
20	2.8	4.14	5.25	0.016	5	73114	59.98
25	2.5	3.7	4.7	0.020	4.5	73115	59.98
50	1.77	2.61	3.30	0.040	3.3	73120	59.98
75	1.44	2.14	2.71	0.060	2.7	73125	59.98
100	1.25	1.85	2.35	0.080	2.25	73130	59.98
150	1.0	1.50	1.90	0.12	1.9	73132	59.98
200	0.88	1.30	1.60	0.16	1.3	73133	59.98
250	0.79	1.17	1.49	0.20	1.5	73135	59.98
500	.55	.82	1.0	0.40	1.0	73137	59.98
750	0.46	0.68	0.86	0.60	.85	73140	59.98
1000	0.40	0.59	0.74	0.80	.73	73145	59.98
1500	0.32	0.48	0.61	1.20	.6	73150	59.98
2000	0.28	0.41	0.50	1.60	.52	73152	59.98
2500	0.25	0.37	0.47	2.00	.45	73155	
5000	0.18	0.26	0.33	4.00	.33	73160	

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	59.98
10	4.74	6.96	8.84	.006	6.29	73202	59.98
15	3.87	5.68	7.22	.009	5.14	73203	59.98
20	3.35	4.92	6.25	.012	4.45	73204	59.98
25	3.0	4.4	5.6	.015	4.0	73205	59.98
50	2.12	3.11	4.00	0.03	3.0	73210	59.98
75	1.73	2.54	3.23	0.05	2.4	73215	59.98
100	1.50	2.20	2.80	0.06	2.0	73220	59.98
150	1.20	1.70	2.20	0.09	1.5	73222	59.98
200	1.00	1.50	1.90	0.12	1.0	73223	59.98
250	0.95	1.39	1.77	0.15	1.3	73225	59.98
500	0.67	0.98	1.25	0.30	1.0	73227	59.98
750	0.55	0.80	1.02	0.45	.75	73230	59.98
1000	0.47	0.70	0.89	0.60	.65	73235	59.98
1500	0.39	0.57	0.72	0.90	.55	73240	59.98
2000	0.33	0.49	0.62	1.20	.46	73242	59.98
2500	0.30	0.44	0.56	1.50	.40	73245	
5000	0.21	0.31	0.40	3.00	.30	73250	

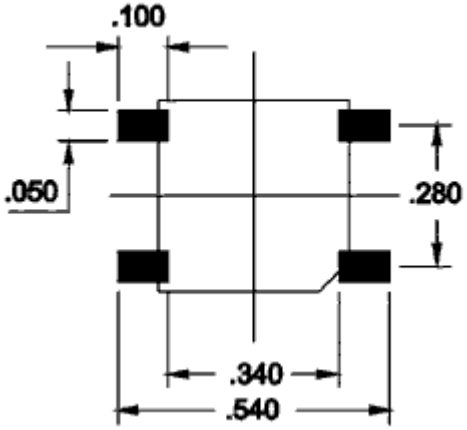
SIZE 4

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	.0057	8.9	73301	59.98
10	9.9	15.56	20	.0048	6.29	73302	59.98
15	8.1	12.7	16.4	.016	5.14	73303	59.98
20	7	11	14.2	.011	4.45	73304	59.98
25	6.3	9.8	12.7	.0152	4.0	73305	59.98
50	4.5	7	9	.046	3.0	73310	59.98
75	3.6	5.7	7.3	.04	2.4	73315	59.98
100	3.1	4.9	6.3	.055	2.0	73320	59.98
150	2.5	4	5.1	.082	1.7	73325	59.98
200	2.2	3.4	4.5	.114	1.5	73330	59.98
250	2	3.1	4	.16	1.3	73335	59.98
500	1.4	2.2	2.8	.29	1.0	73337	59.98
750	1.15	1.79	2.3	.43	.75	73340	59.98
1000	1	1.55	2	.48	.65	73345	59.98
1500	.81	1.27	1.64	.67	.55	73350	59.98
2000	.7	1.1	1.42	.94	.47	73355	59.98
2500	.63	.98	1.27	1.2	.40	73360	
5000	.45	.69	.9	2.93	.30	73365	

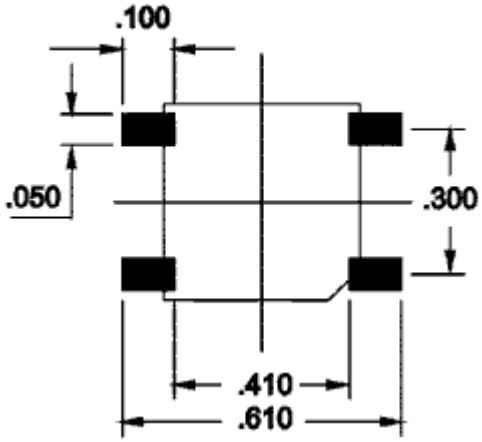
RECOMMENDED LAND PATTERN DIMENSIONS

PICO 73000 Series Size 00



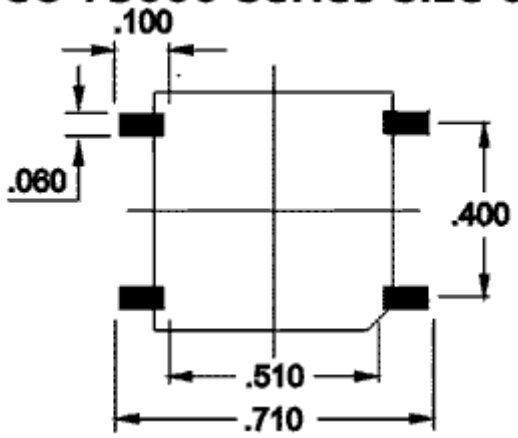
RECOMMENDED LAND PATTERN DIMENSIONS

PICO 73000 Series Size 01



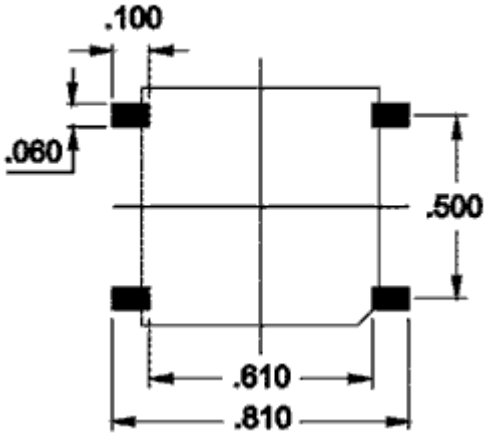
RECOMMENDED LAND PATTERN DIMENSIONS

PICO 73000 Series Size 02



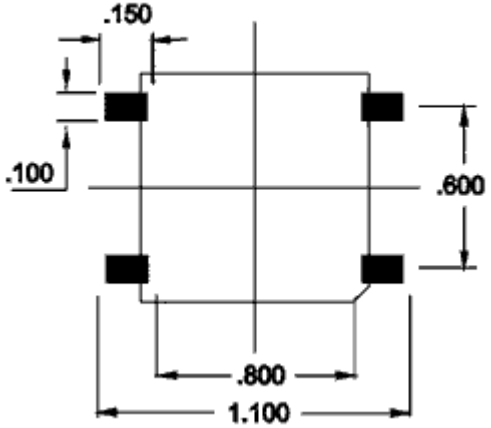
RECOMMENDED LAND PATTERN DIMENSIONS

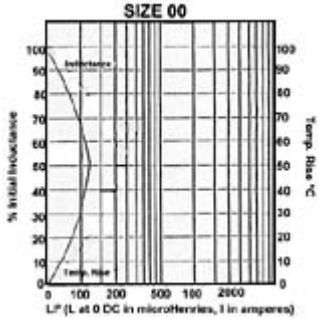
PICO 73000 Series Size 03



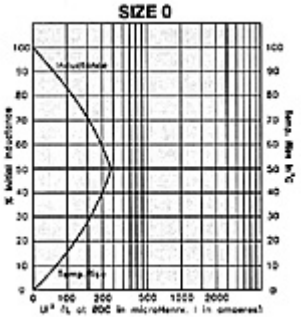
RECOMMENDED LAND PATTERN DIMENSIONS

PICO 73000 Series Size 04

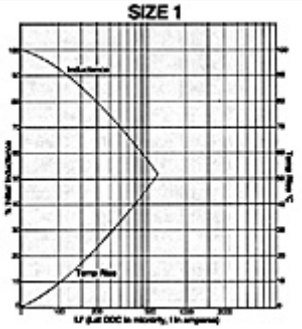




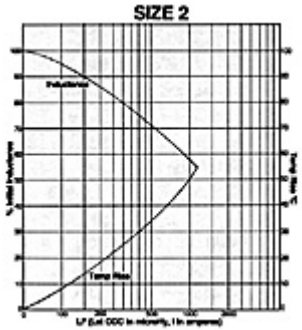
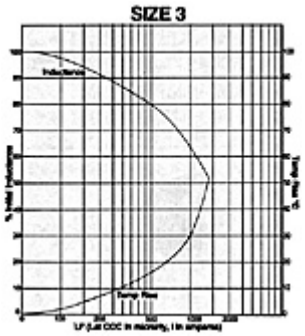
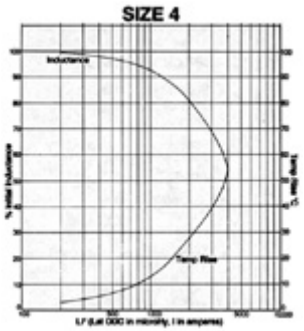
Larger size schematic



Larger size schematic



Larger size schematic

SIZE 2  Larger size schematic	SIZE 3  Larger size schematic	SIZE 4  Larger size schematic

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