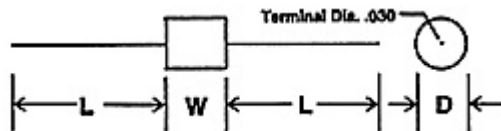


Miniaturized Power Inductors With Axial Leads, Shielded Construction

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.

Specifications

- Inductance measured at 0.1V RMS -100 KHz
- Maximum ambient plus temp. rise limited to 130°C
(i.e. temp. rise for 72205 at .425 AMPS will be 12°C, ambient should be limited to 118°C - at .64AMPS temp. rise is 30°C, ambient should be limited to 100°C)
- Minimum possible size
- Shielded construction
- Mountable through PC board or to posts
- Manufactured to MIL-PRF-27, Grade 5 Class S
- Suitable for reel-mounted assembly
- Low losses



Size	L	W	D
A	1.25 (31.7)	.450 (11.4)	.350 (8.9)
B	1.25 (31.7)	.500 (12.7)	.420 (10.7)
C	1.25 (31.7)	.600 (15.2)	.500 (12.7)

D	1.25 (31.7)	.820 (20.8)	.560 (14.2)
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All dimensions are in inches, () = mm

SIZE A

LODC 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	Q@ 100KHz	PICO PART NUMBER	PRICE (1-9) (US \$)
500	.425	.640	.848	.74	1.4	25	72205	48.84
375	.490	.740	.98	.55	1.6	25	72215	48.84
250	.600	.906	1.2	.36	2.0	25	72225	48.84
150	.775	1.17	1.55	.22	2.5	25	72235	48.84
100	.950	1.43	1.90	.15	3.0	25	72245	48.84
75	1.01	1.65	2.2	.11	3.6	25	72255	48.84
50	1.34	2.02	2.7	.075	4.4	25	72265	48.84

SIZE B

LODC 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	Q@ 100KHz	PICO PART NUMBER	PRICE (1-9) (US \$)
1000	0.45	0.600	0.750	0.85	.9	25	72310	48.84
750	0.52	0.693	0.866	0.64	1.04	25	72320	48.84
500	0.63	0.848	1.06	0.43	1.3	25	72330	48.84
375	0.73	0.980	1.22	0.32	1.5	25	72340	48.84
250	0.90	1.20	1.5	0.22	1.8	25	72350	48.84
150	1.16	1.550	1.93	0.13	2.3	25	72360	48.84
100	1.42	1.9	2.37	0.110	2.8	25	72370	48.84
75	1.64	2.2	2.73	0.064	3.3	25	72380	48.84
50	2.0	2.7	3.35	0.043	4.0	25	72390	48.84

SIZE C								
LODC 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	Q@ 100KHz	PICO PART NUMBER	PRICE (1-9) (US \$)
1000	0.500	0.750	1.0	.700	.85	25	72405	48.84
750	0.580	0.866	1.15	.520	1.0	25	72415	48.84
500	0.707	1.06	1.41	.350	1.2	25	72425	48.84
375	0.816	1.22	1.63	.260	1.4	25	72435	48.84
250	1.0	1.50	2.0	.175	1.7	25	72445	48.84
150	1.29	1.93	2.58	.105	2.2	25	72455	48.84
100	1.58	2.37	3.16	.070	2.7	25	72465	48.84
75	1.82	2.73	3.65	.053	3.1	25	72475	48.84
50	2.25	3.35	4.5	.035	4.0	25	72485	48.84

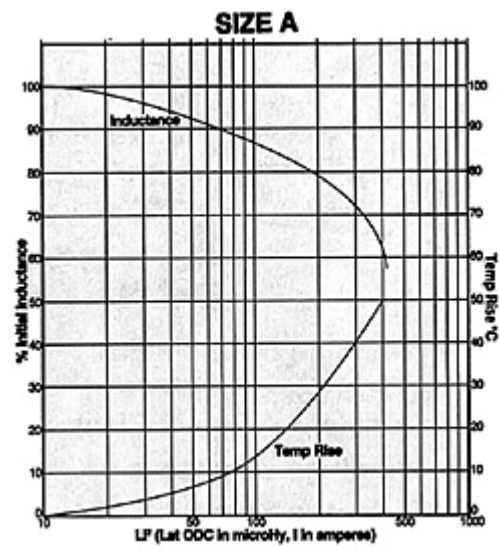
SIZE D								
LODC MICROHY (μH)	IDC for 10% DROP in L AMPS	IDC for 20% DROP in L AMPS	IDC for 30% DROP in L AMPS	RDC OHMS	SRF MHz	Q@ 100KHz	PICO PART NUMBER	PRICE (1-9) (US \$)
200	1.4	2.14	2.76	.107	1.7	35	72500	48.84
175	1.5	2.29	2.95	.093	2.0	35	72510	48.84
150	1.6	2.47	3.18	.08	2.2	35	72520	48.84
125	1.78	2.7	3.49	.066	2.5	35	72530	48.84
100	1.99	3.03	3.9	.053	2.7	35	72540	48.84
75	2.3	3.5	4.5	.040	3.1	35	72550	48.84
50	2.8	4.3	5.5	.027	4.0	35	72560	48.84
25	3.98	6.06	7.79	.014	4.5	35	72570	48.84
15	5.14	7.82	10	.007	5.1	35	72580	48.84

***Discount Prices: 1-9 Net; 10-24 less 10%; 25-49 less 16%;

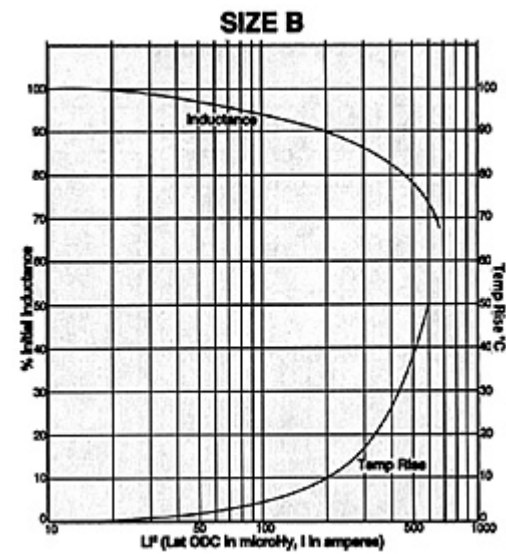
50-99 less 23%; 100-499 less 30%

Ordering Instructions: No minimum. Net 30 days

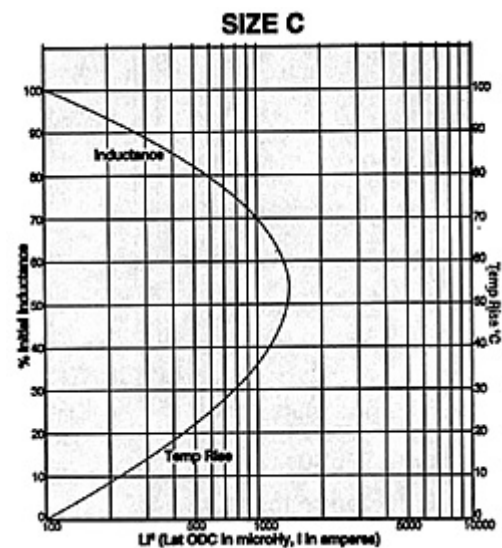
F.O.B. Pelham, New York



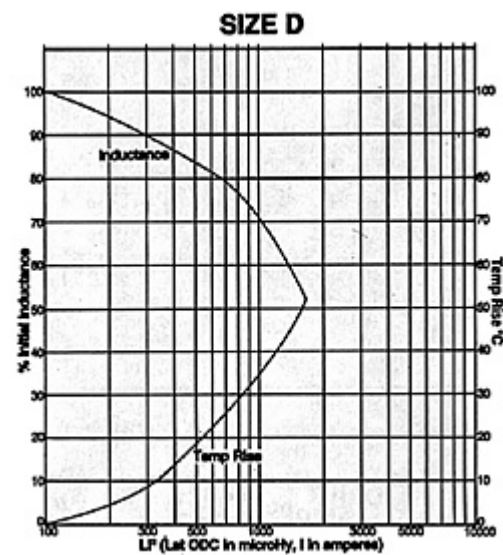
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For immediate engineering assistance or to place an order: **Call Toll Free: 800-431-1064**

PICO Electronics, Inc.

143 Sparks Ave. Pelham, NY 10803-1810
Tel: 914-738-1400 or Fax: 914-738-8225

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