

Pi-Pak Surface Mount Inductor/Transformers

- Specially designed for use in high frequency power conversion circuits
- 500 Series rated for use up to 1 MHz - 501 series rated for use up to 5 MHz
- May also be used as 1:1 isolation transformers (hi-pot 500 VDC)
- Specially designed and solder plated metal "feet" assure coplanarity and maximum integrity of the finished solder joints
- Tape and reel packaging available
- Low profile versions of some parts are available

CONNECTION DIAGRAMS

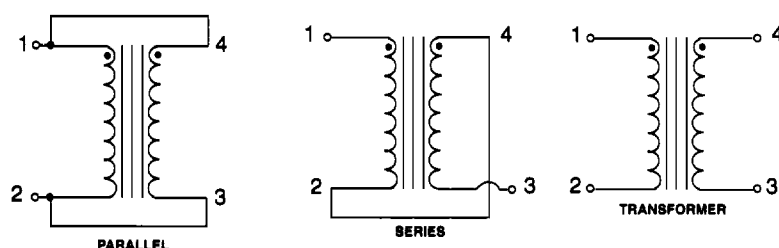
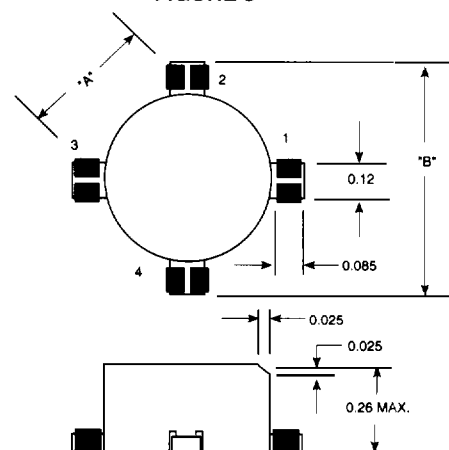


FIGURE 3



Part Number	OCL w/o DC current (μH)	Rated Current (Amp DC)	OCL at rated current (μH)	OCL w/o DC current (μH)	Rated Current (Amp DC)	OCL at rated current (μH)	max. energy storage (μJ)	ET constant AT 2000 G (V μsec max)	"A" (Inches)	"B" (Inches)
501-2107	2	3.8	1.4	8	1.9	5.6	14	9.7	0.35	0.55
501-2108	5	2.5	3.5	20	1.3	14	13	15	0.35	0.55
501-2109	8	2.2	5.6	32	1.10	22	19	18	0.35	0.55
501-2077	10	2.0	7	40	1.00	28	20	20	0.35	0.55
501-2110	15	1.5	11	60	0.75	44	16	24	0.35	0.55
501-2078	20	1.3	15	80	0.65	60	17	28	0.35	0.55
501-2079	33	1.00	24	132	0.50	96	16	36	0.35	0.55
501-2081	50	0.80	38	200	0.40	152	16	44	0.35	0.55
501-2080	82	0.60	61	328	0.30	244	15	57	0.35	0.55
501-2082	100	0.56	75	400	0.28	300	16	62	0.35	0.55
501-2083	200	0.42	150	800	0.21	600	18	88	0.35	0.55
501-2084	300	0.38	210	1200	0.19	840	21	108	0.35	0.55
501-2115	2	4.5	1.4	8	2.3	5.6	21	10	0.45	0.65
501-2116	5	3.2	3.5	20	1.6	14	25	16	0.45	0.65
501-2117	8	2.8	5.6	32	1.4	20	32	20	0.45	0.65
501-2092	10	2.4	7	40	1.20	28	29	23	0.45	0.65
501-2018	15	2.0	11	60	1.00	44	30	29	0.45	0.65
501-2093	20	1.8	15	80	0.90	60	33	32	0.45	0.65
501-2094	25	1.5	18	100	0.75	72	29	36	0.45	0.65
501-2095	33	1.3	24	132	0.65	96	26	42	0.45	0.65
501-2096	50	1.10	38	200	0.55	152	30	50	0.45	0.65
501-2097	100	0.70	75	400	0.35	300	23	71	0.45	0.65
501-2098	150	0.60	105	600	0.30	420	23	86	0.45	0.65
501-2099	250	0.54	175	1000	0.27	700	36	105	0.45	0.65
501-2100	300	0.52	210	1200	0.26	840	41	120	0.45	0.65
501-2101	500	0.40	350	2000	0.20	1400	40	156	0.45	0.65

Part Number	Parallel			Series			Inductor	Transformer	Max. Dimensions	
	OCL w/o DC current (μH)	Rated Current (Amp DC)	OCL at rated current (μH)	OCL w/o DC current (μH)	Rated Current (Amp DC)	OCL at rated current (μH)	max. energy storage (μJ)	ET constant AT 2000 G (V μsec max)	"A" (inches)	"B" (inches)
500-2176	2	4.5	1.4	8	2.3	5.6	20	5.6	0.35	0.55
500-2177	5	3.0	3.9	20	1.5	15.6	23	10	0.35	0.55
500-2178	8	2.7	5.5	32	1.4	22	29	12	0.35	0.55
500-2078	10	2.5	7	40	1.3	28	31	13	0.35	0.55
500-2179	15	1.8	11	60	0.90	44	24	18	0.35	0.55
500-2079	20	1.3	15	80	0.65	60	17	20	0.35	0.55
500-2080	33	1.4	23	132	0.73	92	32	25	0.35	0.55
500-2081	50	1.00	38	200	0.50	152	25	32	0.35	0.55
500-2180	68	0.78	50	272	0.39	200	21	36	0.35	0.55
500-2082	82	0.66	61	328	0.33	244	20	39	0.35	0.55
500-2083	100	0.62	70	400	0.31	300	18	41	0.35	0.55
500-2084	200	0.45	150	800	0.23	600	25	64	0.35	0.55
500-2181	300	0.38	210	1200	0.19	840	24	75	0.35	0.55
500-2182	500	0.30	350	2000	0.15	1400	23	98	0.35	0.55
500-2189	2	6.0	1.4	8	3.0	5.6	36	8.6	0.45	0.65
500-2190	5	4.4	3.5	20	2.2	14	48	12	0.45	0.65
500-2191	8	3.9	5.6	32	2.0	22	61	17	0.45	0.65
500-2092	10	3.7	7	40	1.9	28	68	20	0.45	0.65
500-2192	15	3.4	10	60	1.7	44	87	23	0.45	0.65
500-2093	20	2.2	13	80	1.10	60	48	25	0.45	0.65
500-2094	25	2.0	17	100	1.00	72	50	28	0.45	0.65
500-2095	33	1.9	23	132	0.95	96	60	30	0.45	0.65
500-2096	50	1.5	35	200	0.75	152	56	42	0.45	0.65
500-2193	68	1.3	45	272	0.64	180	57	45	0.45	0.65
500-2194	75	1.00	53	300	0.50	212	38	49	0.45	0.65
500-2097	100	0.92	75	400	0.46	300	40	55	0.45	0.65
500-2098	150	0.83	100	600	0.41	420	48	69	0.45	0.65
500-2099	250	0.65	150	1000	0.32	200	61	90	0.45	0.65
500-2110	300	0.62	200	1200	0.31	840	54	100	0.45	0.65