

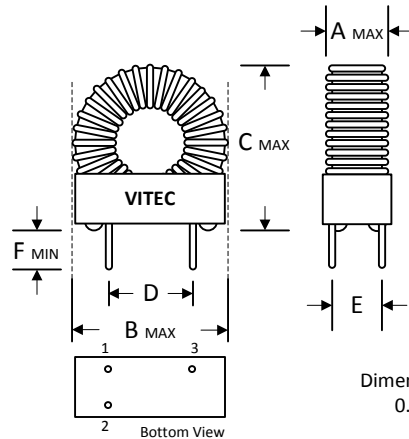
TYPE 55P

HIGH CURRENT TOROID INDUCTORS

FEATURES

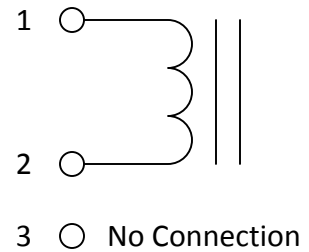
- Designed for use in the input or output sections of SMPS.
- Vertical mount semi-encapsulated construction.
- Provide a nominal 2:1 inductance swing from zero to maximum current.
- Materials meet flammability requirement of UL94V-0.
- Manufactured to UL recognized 130 insulation system. UL file# E107307.

DRAWING



Dimensions Inches/mm +/- 0.01" Unless noted

SCHEMATIC



ELECTRICAL CHARACTERISTICS @ +25°C

Part Number	Lp*	Rated Current	ET-Rating		Energy Storage	Lp (No DC)	DCR	Dimension Code	Lead Diameter
			VμS	VμS					
			μH	Amp					
55P9506	17	17.00	190	130	2460	40.00	0.0065	3	0.081
55P9507	32	16.00	290	200	4100	70.70	0.0092	4	0.081
55P9508	60	16.00	390	270	7700	120.00	0.0120	5	0.081
55P9509	14	10.00	135	95	700	28.50	0.0090	1	0.057
55P9510	23	11.00	170	120	1400	43.50	0.0120	2	0.057
55P9511	43	10.00	280	195	2150	85.50	0.0180	3	0.057
55P9512	90	10.00	430	300	4500	158.00	0.0280	4	0.057
55P9513	144	10.00	570	400	7200	262.00	0.0370	5	0.057
55P9514	32	6.60	200	140	700	60.50	0.0250	1	0.040
55P9515	52	7.00	230	160	1275	92.00	0.0320	2	0.040
55P9516	98	6.00	400	280	1765	188.00	0.0480	3	0.040
55P9517	175	6.00	620	425	3150	315.00	0.0680	4	0.040
55P9518	335	6.00	840	580	6030	571.00	0.0950	5	0.040
55P9520	400	3.60	600	420	2700	688.00	0.1300	3	0.036

DIMENSIONS

Inches/mm. ±0.010/0.254

Code	A	B	C	D	E	F
	MAX	MAX	MAX			MIN
1	0.600 15.24	1.200 30.48	1.200 30.48	0.800 20.32	0.400 10.16	0.200 5.08
2	0.800 20.32	1.440 36.58	1.440 36.58	0.900 22.86	0.600 15.24	0.200 5.08
3	0.800 20.32	1.600 40.64	1.720 43.69	0.900 22.86	0.600 15.24	0.200 5.08
4	0.910 23.11	1.950 49.53	2.000 50.80	1.200 30.48	0.700 17.78	0.200 5.08
5	1.110 28.19	2.300 58.42	2.300 58.42	1.500 38.10	0.900 22.86	0.200 5.08

* Tested at rated current and with corresponding ET-Rating (VuS)