

# TYPE 55P

## LOW COST FILTER INDUCTORS

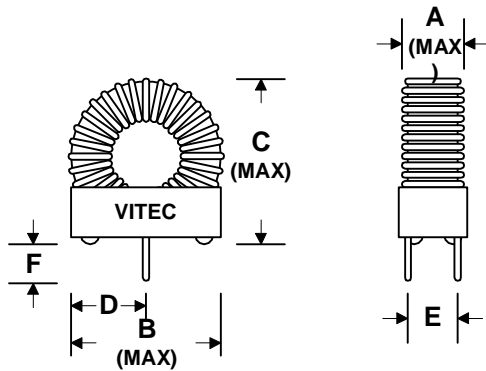
### FEATURES

- For general purpose and ripple filters.
- SMPS averaging filters.
- Differential mode inductors in EMI filters.
- Selections of bare coil in vertical and low profile styles.
- Vertical case style is compatible with footprint of Klipmount\*.
- Single layer design.
- Materials meet flammability requirement of UL94V-0.
- Manufactured to UL recognized 130 insulation system. UL file# E107307.

\*Klipmount is a trade mark of Pulse Engineering, Inc.

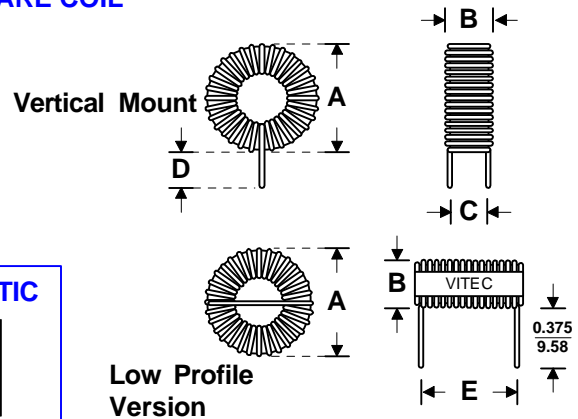
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### VERTICAL CASE



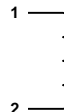
Dimensions Inches/mm +/- 0.01" Unless noted

### BARE COIL



Dimensions Inches/mm +/- 0.01" Unless noted

### SCHEMATIC



### ELECTRICAL CHARACTERISTICS @ 25°C

### DIMENSIONS Inches/mm. ±0.010/0.254

Part Number		Lp	Rated Current	ET-Rating Current	DCR	Dimension Code		Lead Diameter
Vertical Case	Vertical Coil	Low Profile Coil	uH	Amp	VuS	Ohm	Vertical Case	Bare Coil
			TYP	MAX	MIN	MAX		
55P9100	55P9200	55P9200HT	25	2.5	30	0.040	1	1
55P9101	55P9201	55P9201HT	50	2.5	50	0.070	2	2
55P9102	55P9202	55P9202HT	100	2.5	90	0.100	3	3
55P9103	55P9203	55P9203HT	35	2.5	55	0.040	2	2
55P9104	55P9204	55P9204HT	70	3.0	85	0.050	3	3
55P9105	55P9205	55P9205HT	145	3.0	140	0.080	4	4
55P9106	55P9206	55P9206HT	285	3.0	300	0.140	5	5
--	55P9207	--	450	3.0	425	0.200	--	6
55P9108	55P9208	55P9208HT	100	3.5	130	0.040	4	4
55P9109	55P9209	55P9209HT	165	4.0	240	0.070	5	5
--	55P9210	--	270	4.0	350	0.100	--	6
55P9111	55P9211	55P9211HT	40	4.0	70	0.030	3	3
55P9112	55P9212	55P9212HT	100	5.0	200	0.040	5	5
--	55P9213	--	170	5.0	300	0.050	--	6
55P9114	55P9214	55P9214HT	55	5.0	300	0.022	4	4
--	55P9215	--	95	7.0	225	0.030	--	6
55P9116	55P9216	55P9216HT	55	7.0	150	0.020	5	5
--	55P9217	--	55	10.0	175	0.020	--	6
--	55P9260	55P9260HT	22	5.0	44	0.020	--	7
--	55P9262	55P9262HT	20	2.0	52	0.060	--	8

VERTICAL CASE						
Code	A <sub>MAX</sub>	B <sub>MAX</sub>	C <sub>MAX</sub>	D	E	F
1	0.350 8.89	0.590 14.99	0.590 14.99	0.290 7.37	0.220 5.59	0.110 2.79
2	0.460 11.68	0.660 16.76	0.650 16.51	0.325 8.26	0.300 7.62	0.110 2.79
3	0.460 11.68	0.840 21.34	0.860 21.84	0.415 10.54	0.300 7.62	0.110 2.79
4	0.610 15.49	0.960 24.38	0.990 25.15	0.475 12.07	0.450 11.43	0.110 2.79
5	0.710 18.03	1.260 32.00	1.280 32.51	0.625 15.88	0.500 12.70	0.110 2.79

BARE COIL					
Code	A	B	C	D	E
1	0.550 13.97	0.250 6.35	0.180 4.57	0.250 6.35	0.460 11.68
2	0.600 15.24	0.300 7.62	0.280 7.11	0.250 6.35	0.530 13.46
3	0.850 21.59	0.410 10.41	0.280 7.11	0.250 6.35	0.720 18.29
4	1.050 26.67	0.550 13.97	0.400 10.16	0.250 6.35	0.840 21.24
5	1.400 35.56	0.700 17.78	0.500 12.70	0.250 6.35	1.100 25.65
6	1.650 41.91	0.700 17.78	0.500 12.70	0.250 6.35	--
7	0.850 21.59	0.330 8.38	--	0.875 22.23	0.730 18.29
8	0.640 16.26	0.280 7.11	--	0.875 22.23	0.530 13.46

P-505 05/08