

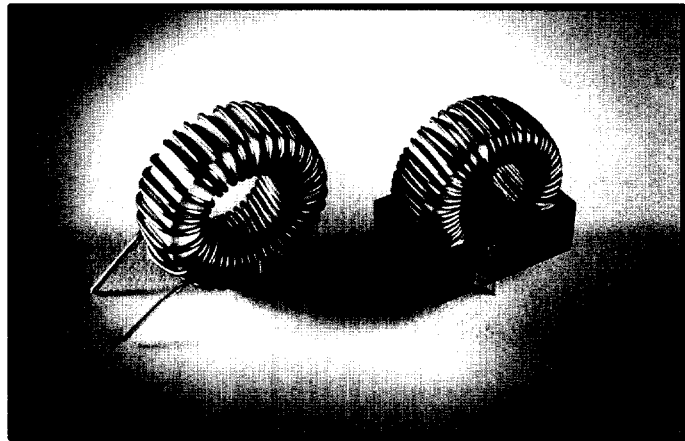
# TYPE 55P

## LOW COST FILTER INDUCTORS

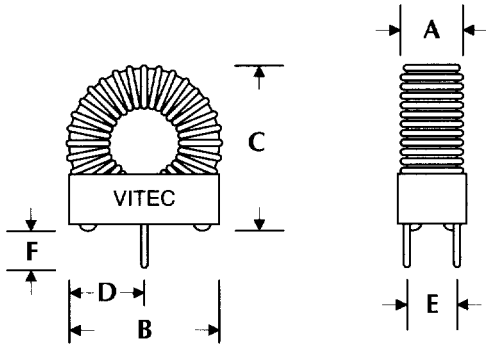
### FEATURES

- 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.

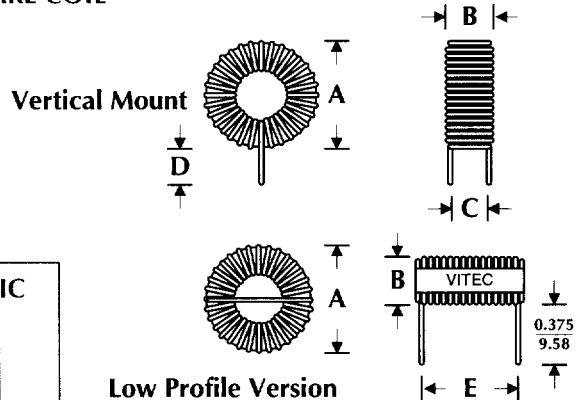


### VERTICAL CASE

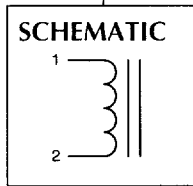


Dimensions Inches/mm +/- 0.01" Unless noted

### BARE COIL



Dimensions Inches/mm +/- 0.01" Unless noted



### 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	nH	Amp	Vnδ	Ohm	Vertical Case	Bare Coil	Inch
			TYP	MAX	MIN	MAX			+/- 5%
55P9100	55P9200	55P9200HT	25	2.5	30	0.04	1	1	0.020
55P9101	55P9201	55P9201HT	50	2.5	50	0.07	2	2	0.020
55P9102	55P9202	55P9202HT	100	2.5	90	0.10	3	3	0.020
55P9103	55P9203	55P9203HT	35	2.5	55	0.04	2	2	0.025
55P9104	55P9204	55P9204HT	70	3.0	85	0.05	3	3	0.025
55P9105	55P9205	55P9205HT	145	3.0	140	0.08	4	4	0.025
55P9106	55P9206	55P9206HT	285	3.0	300	0.14	5	5	0.025
--	55P9207	--	450	3.0	425	0.20	-	6	0.025
55P9108	55P9208	55P9208HT	100	3.5	130	0.04	4	4	0.032
55P9109	55P9209	55P9209HT	165	4.0	240	0.07	5	5	0.032
--	55P9210	--	270	4.0	350	0.10	-	6	0.032
55P9111	55P9211	55P9211HT	40	4.0	70	0.03	3	3	0.032
55P9112	55P9212	55P9212HT	100	5.0	200	0.04	5	5	0.042
--	55P9213	--	170	5.0	300	0.05	-	6	0.042
55P9114	55P9214	55P9214HT	55	5.0	100	0.02	4	4	0.042
--	55P9215	--	95	7.0	225	0.03	-	6	0.051
55P9116	55P9216	55P9216HT	55	7.0	150	0.02	5	5	0.051
--	55P9217	--	55	10.0	175	0.02	-	6	0.064
--	55P9260	55P9260HT	22	5.0	44	0.02	-	7	0.032
--	55P9262	55P9262HT	20	2.0	52	0.06	-	8	0.020

VERTICAL CASE						
Code	A	B	C	D	E	F
1	0.340 8.64	0.578 14.68	0.600 15.24	0.290 7.37	0.220 5.59	0.110 2.79
2	0.450 11.43	0.648 16.46	0.650 16.51	0.325 8.26	0.300 7.62	0.110 2.79
3	0.450 11.43	0.828 21.03	0.850 21.59	0.415 10.54	0.300 7.62	0.110 2.79
4	0.600 15.24	0.948 24.08	0.950 24.13	0.475 12.07	0.450 11.43	0.110 2.79
5	0.700 17.78	1.248 31.70	1.250 31.75	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	0.700 17.78	0.380 9.65	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

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