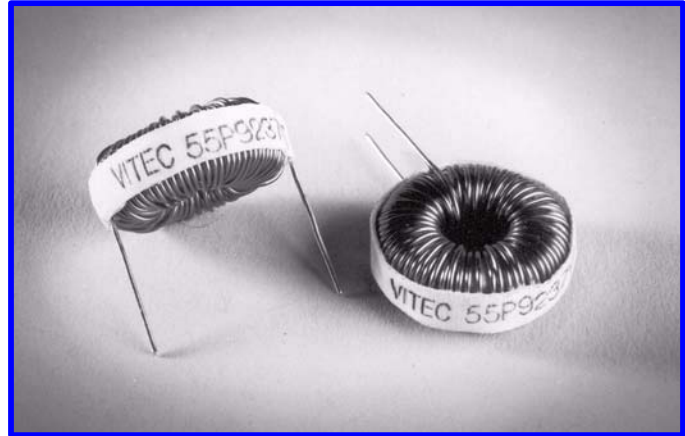


# TYPE 55P

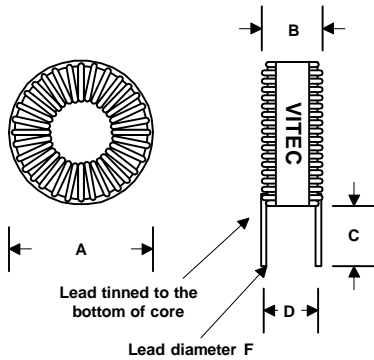
## HIGH CURRENT TOROID INDUCTORS

### FEATURES

- Designed for use in switching power supplies, SCR, or Triac control circuits.
- Printed circuit board mounting.
- Pre-tinned leads.
- Broad inductance and current rating
- Low Cost.
- Rated current at maximum 15% drop in inductance when rated current applied.
- Special values available upon request.

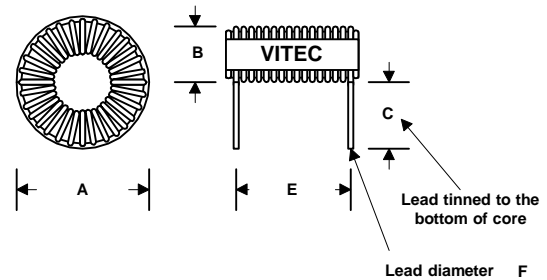


### VERTICAL STYLE



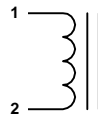
Drawing NOT to Scale

### LOW PROFILE STYLE



Drawing NOT to Scale

### SCHEMATIC



### ELECTRICAL CHARACTERISTICS @ +25°C

### DIMENSIONS

Inches/mm. ±0.010/0.254

Part Number				Lp	Rated Current	DCR	A	B	C	D	E	F
Vertical		Low Profile		UH	Amp	Ohm	NOM	NOM	NOM	NOM	NOM	NOM
Classic	RoHS	Classic	RoHS	±10%	TYP	MAX						
55P9231VT	55PR9231VT	55P9231HT	55PR9231HT	50	1.50	0.030	0.60 / 15.24	0.25 / 6.35	0.50 / 12.70	0.25 / 6.35	0.56 / 14.22	0.028 / 0.71
55P9232VT	55PR9232VT	55P9232HT	55PR9232HT	75	1.00	0.045	0.62 / 15.75	0.25 / 6.35	0.50 / 12.70	0.25 / 6.35	0.56 / 14.22	0.025 / 0.64
55P9233VT	55PR9233VT	55P9233HT	55PR9233HT	100	1.00	0.055	0.62 / 15.75	0.25 / 6.35	0.50 / 12.70	0.25 / 6.35	0.56 / 14.22	0.025 / 0.64
55P9234VT	55PR9234VT	55P9234HT	55PR9234HT	50	3.00	0.035	0.82 / 20.83	0.32 / 8.13	0.50 / 12.70	0.34 / 8.64	0.75 / 19.05	0.036 / 0.91
55P9235VT	55PR9235VT	55P9235HT	55PR9235HT	75	2.50	0.050	0.82 / 20.83	0.32 / 8.13	0.50 / 12.70	0.32 / 8.13	0.75 / 19.05	0.032 / 0.81
55P9236VT	55PR9236VT	55P9236HT	55PR9236HT	100	2.00	0.070	0.82 / 20.83	0.32 / 8.13	0.50 / 12.70	0.32 / 8.13	0.75 / 19.05	0.028 / 0.71
55P9237VT	55PR9237VT	55P9237HT	55PR9237HT	250	1.50	0.155	0.85 / 21.59	0.35 / 8.89	0.50 / 12.70	0.32 / 8.13	0.75 / 19.05	0.023 / 0.58
55P9238VT	55PR9238VT	55P9238HT	55PR9238HT	50	4.50	0.030	1.10 / 27.94	0.40 / 10.16	0.50 / 12.70	0.32 / 8.13	1.02 / 25.91	0.046 / 1.17
55P9239VT	55PR9239VT	55P9239HT	55PR9239HT	75	4.00	0.035	1.10 / 27.94	0.40 / 10.16	0.50 / 12.70	0.40 / 10.16	1.02 / 25.91	0.046 / 1.17
55P9240VT	55PR9240VT	55P9240HT	55PR9240HT	100	3.00	0.050	1.10 / 27.94	0.40 / 10.16	0.50 / 12.70	0.40 / 10.16	1.02 / 25.91	0.036 / 0.91
55P9241VT	55PR9241VT	55P9241HT	55PR9241HT	250	2.00	0.090	1.15 / 29.21	0.40 / 10.16	0.50 / 12.70	0.40 / 10.16	1.02 / 25.91	0.032 / 0.81
55P9242VT	55PR9242VT	55P9242HT	55PR9242HT	500	1.50	0.180	1.15 / 29.21	0.40 / 10.16	0.50 / 12.70	0.40 / 10.16	1.05 / 26.67	0.028 / 0.71
55P9243VT	55PR9243VT	55P9243HT	55PR9243HT	750	1.00	0.250	1.15 / 29.21	0.40 / 10.16	0.50 / 12.70	0.40 / 10.16	1.05 / 26.67	0.025 / 0.64
55P9244VT	55PR9244VT	55P9244HT	55PR9244HT	50	7.00	0.020	1.30 / 33.02	0.65 / 16.51	0.75 / 19.05	0.55 / 13.97	1.15 / 29.21	0.057 / 1.45
55P9245VT	55PR9245VT	55P9245HT	55PR9245HT	75	6.00	0.025	1.30 / 33.02	0.65 / 16.51	0.75 / 19.05	0.55 / 13.97	1.20 / 30.48	0.061 / 1.55
55P9246VT	55PR9246VT	55P9246HT	55PR9246HT	100	5.00	0.030	1.30 / 33.02	0.65 / 16.51	0.75 / 19.05	0.56 / 14.22	1.20 / 30.48	0.061 / 1.55
55P9247VT	55PR9247VT	55P9247HT	55PR9247HT	250	3.00	0.070	1.25 / 31.75	0.65 / 16.51	0.75 / 19.05	0.56 / 14.22	1.20 / 30.48	0.040 / 1.02
55P9248VT	55PR9248VT	55P9248HT	55PR9248HT	500	2.00	0.130	1.30 / 33.02	0.65 / 16.51	0.75 / 19.05	0.56 / 14.22	1.20 / 30.48	0.032 / 0.81
55P9249VT	55PR9249VT	55P9249HT	55PR9249HT	750	2.00	0.170	1.30 / 33.02	0.65 / 16.51	0.75 / 19.05	0.60 / 15.24	1.25 / 31.75	0.032 / 0.81
55P9250VT	55PR9250VT	55P9250HT	55PR9250HT	1000	1.50	0.220	1.30 / 33.02	0.65 / 16.51	0.75 / 19.05	0.60 / 15.24	1.20 / 30.48	0.028 / 0.71

P-507 10/12



Vitec Electronics Corporation  
www.VitecCorp.com