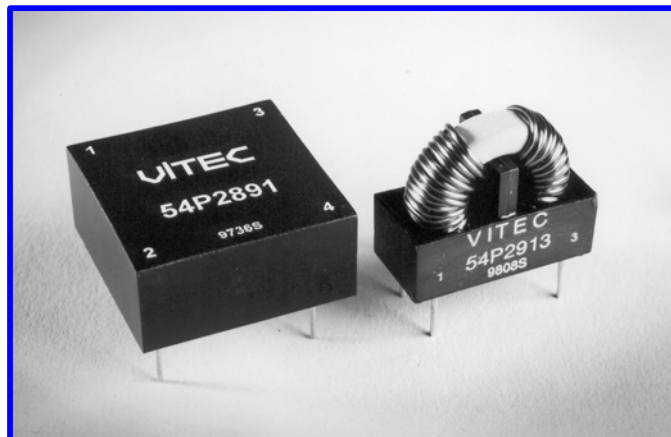


# TYPE 54P

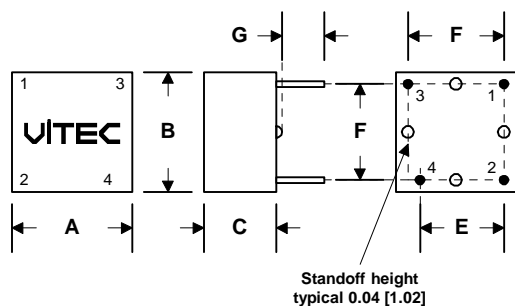
## EMI Common-Mode Inductors

### FEATURES

- Designed for use in input filter circuits of switching power supplies.
- Low profile or vertical styles for printed circuit board mounting.
- Materials meet flamability requirement of UL94V-0.
- Manufactured to UL recognized 130 insulation system. UL file# E107307.
- Operating Temperature: -40°C to +130°C.
- Dielectric Strength: 3750 Vrms.
- Winding: Balun-wound to within 1%.

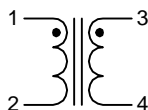


### CASE STYLE 1 - Low Profile

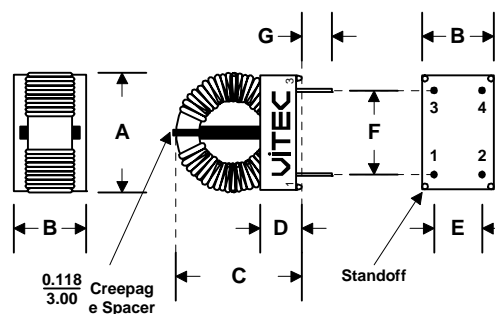


Dimensions Inches/mm +/- 0.01" Unless noted

### SCHEMATIC



### CASE STYLE 2 - Vertical Mount



Dimensions Inches/mm +/- 0.01" Unless noted

### ELECTRICAL CHARACTERISTICS @ +25°C

### DIMENSIONS

Inches / mm

Part Number	Rated* Current	LP**	Test Level	LL	DCR	Lead Dia.	Case Style	A	B	C	D	E	F	G
								MAX	MAX	MAX	MAX	±0.01 ±0.25	±0.01 ±0.25	MIN
Classic	RoHS	Amp	mH	Vrms	uH	Ohm	Inch	MAX	MAX	MAX	MAX	±0.01 ±0.25	±0.01 ±0.25	MIN
54P2891	54PR2891	1.80	10	0.50	130	0.24	0.032	1.250 31.75	1.250 31.75	0.600 15.24	---	0.900 22.86	1.000 25.40	0.200 5.08
54P2892	54PR2892	3.50	3	0.20	35	0.06	0.032	---	---	---	---	---	---	---
54P2893	54PR2893	6.00	1	0.08	12	0.02	0.036	---	---	---	---	---	---	---
54P2894	54PR2894	2.60	16	1.00	180	0.16	0.032	---	---	---	---	---	---	---
54P2895	54PR2895	3.20	8	0.50	90	0.12	0.032	1.520 38.61	1.520 38.61	0.800 20.32	---	1.083 27.51	1.280 32.51	0.200 5.08
54P2896	54PR2896	5.20	4	0.20	45	0.04	0.036	---	---	---	---	---	---	---
54P2897	54PR2897	7.50	2	0.08	25	0.02	0.047	---	---	---	---	---	---	---
54P2911	54PR2911	1.80	10	0.50	130	0.24	0.032	1.150 29.21	0.550 13.97	1.150 29.21	0.450 11.43	0.400 10.16	0.800 20.32	0.200 5.08
54P2912	54PR2912	3.50	3	0.20	35	0.06	0.032	---	---	---	---	---	---	---
54P2913	54PR2913	6.00	1	0.08	12	0.02	0.036	---	---	---	---	---	---	---
54P2914	54PR2914	2.60	16	1.00	180	0.16	0.040	---	---	---	---	---	---	---
54P2915	54PR2915	3.20	8	0.50	90	0.12	0.040	1.520 38.61	0.800 20.32	1.500 38.10	0.700 17.78	0.600 15.24	0.900 22.86	0.200 5.08
54P2916	54PR2916	5.20	4	0.20	45	0.04	0.036	---	---	---	---	---	---	---
54P2917	54PR2917	7.50	2	0.08	25	0.02	0.047	---	---	---	---	---	---	---

Add an "R" to the part number after "P" for the RoHS compliant version (i.e. 54PR2891 is the RoHS compliant version of 54P2891).

Notes: \* Rated Current: continuous operating at any input voltage.

\*\* Measured at 1KHz with no DC current.