

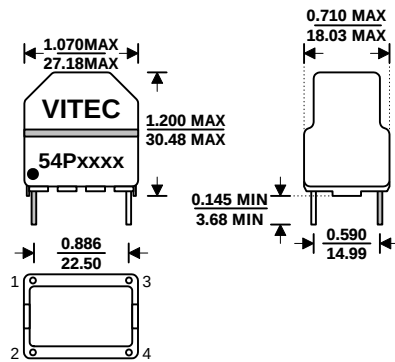
TYPE 54P

500 KHz EMI COMMON MODE INDUCTORS

FEATURES

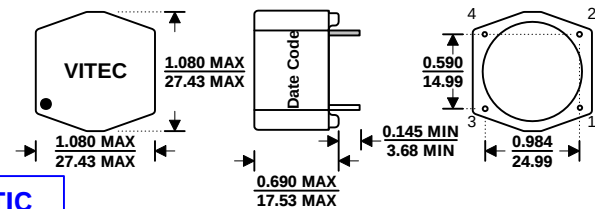
- Designed for higher frequency power conversion.
- For use in input filtering circuits of SMPS.
- Low profile or vertical styles for printed circuit board mounting.
- Materials meet flamability requirement of UL94V-0.
- Manufactured to UL recognized 130 insulation system. UL file# E107307.
- Dielectric Strength: 1500 Vrms.

VERTICAL STYLE



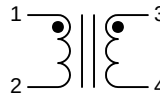
Dimensions Inches/mm +/- 0.01" Unless noted

LOW PROFILE STYLE



Dimensions Inches/mm +/- 0.01" Unless noted

SCHEMATIC



ELECTRICAL CHARACTERISTICS @ +25°C

Part Number		Rated Current	Inductance	DCR	Leakage Inductance	Self Resonant
Low Profile Style	Vertical Style	Amp	mH	Ohm	μH	KHz
		TYP	+/- 30%	MAX	MIN/MAX	MAX
54P2850	54P2950	0.50	33.00	1.40	160/320	125
54P2851	54P2951	1.00	18.00	0.50	120/320	250
54P2852	54P2952	1.00	5.60	0.30	30/60	850
54P2853	54P2953	2.00	15.00	0.29	100/220	250
54P2854	54P2954	3.20	5.60	0.10	40/80	450
54P2855	54P2955	3.20	3.30	0.07	15/35	1000
54P2856	54P2956	3.20	2.20	0.06	10/20	1400
54P2857	54P2957	3.20	1.20	0.04	06/15	2100
54P2858	54P2958	5.00	3.90	0.06	25/60	650
54P2859	54P2959	6.50	2.70	0.04	20/45	650

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