

TYPE 54P

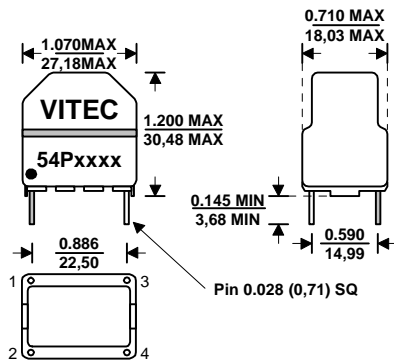
500 KHz EMI COMMON MODE INDUCTORS

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 flammability requirement of UL94V-0.
- Manufactured to UL recognized 130 insulation system. UL file# E107307.
- RoHS compliant version available.

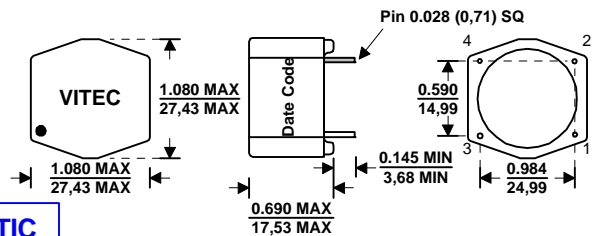


VERTICAL STYLE



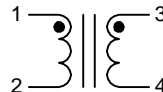
Dimensions Inches/mm +/- 0.01" Unless noted

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	Dielectric Strength
Low Profile Style		Vertical Style		Amp	mH	Ohm	mH	KHz	Vrms
Classic	RoHS	Classic	RoHS	TYP	+/- 30%	MAX	MIN/MAX	MAX	MIN
54P2850	54PR2850	54P2950	54PR2950	0.50	33.00	1.40	160/320	125	1500
54P2851	54PR2851	54P2951	54PR2951	1.00	18.00	0.50	120/320	250	1500
54P2852	54PR2852	54P2952	54PR2952	1.00	5.60	0.30	30/60	850	1500
54P2853	54PR2853	54P2953	54PR2953	2.00	15.00	0.29	100/220	250	1500
54P2854	54PR2854	54P2954	54PR2954	3.20	5.60	0.10	40/80	450	1500
54P2855	54PR2855	54P2955	54PR2955	3.20	3.30	0.07	15/35	1000	1500
54P2856	54PR2856	54P2956	54PR2956	3.20	2.20	0.06	10/20	1400	1500
54P2857	54PR2857	54P2957	54PR2957	3.20	1.20	0.04	06/15	2100	1500
54P2858	54PR2858	54P2958	54PR2958	5.00	3.90	0.06	25/60	650	1500
54P2859	54PR2859	54P2959	54PR2959	6.50	2.70	0.04	20/45	650	1500

Add an "R" to the part number after "P" for the RoHS compliant version (i.e. 54PR2850 is the RoHS compliant version of 54P2850).