

TYPE 54P

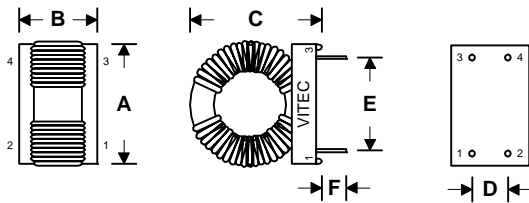
EMI Common-Mode Inductors

FEATURES

- Designed for input filter circuits of switching power supplies operating in the range of 100-300 KHz.
- Industry standard footprint.
- Meets 3mm creepage and clearance spacings for compatibility with IEC, VDE, UL, and CSA.
- Materials meet flammability requirement of UL94V-0.
- Low cost.
- Manufactured to UL recognized 130 insulation system. UL file# E107307.

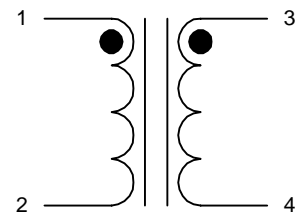


DRAWING



Drawing NOT to Scale

SCHEMATIC



ELECTRICAL CHARACTERISTICS @ +25°C

DIMENSIONS

Inches/mm. ±0.005/0.127

Part Number	Rated Current	Lp	LL	DCR	Dielectric Strength	Lead Diameter	Dim. Code	Code	A	B	C	D	E	F
									MAX	MAX	MAX	TYP	±0.010	TYP
54P2923	54PR2923	25.0	0.80	12	0.005	3000	0.081	1	1.700 43.18	0.950 24.13	1.750 44.45	0.700 17.78	1.200 30.48	0.13-0.16 3.30-4.06
54P2924	54PR2924	13.0	1.60	16	0.007	3000	0.057	2	1.330 33.78	0.800 20.32	1.300 33.02	0.600 15.24	0.900 22.86	0.13-0.28 3.30-7.11
54P2925	54PR2925	6.0	3.00	60	0.035	3000	0.036	3						
54P2926	54PR2926	6.0	0.90	16	0.021	3000	0.036	4						
54P2927	54PR2927	3.0	6.00	48	0.065	3000	0.025	5						
54P2931	54PR2931	5.0	0.60	12	0.016	3000	0.032	4						
54P2932	54PR2932	4.0	1.60	24	0.035	3000	0.028	4						
54P2933	54PR2933	25.0	1.60	12	0.007	1500	0.072	1	1.150 29.21	0.600 15.24	1.000 25.40	0.400 10.16	0.800 20.32	0.10-0.16 2.54-4.06
54P2934	54PR2934	15.0	1.40	10	0.008	1500	0.057	2						
54P2935	54PR2935	20.0	1.00	16	0.005	1500	0.072	2						
54P2936	54PR2936	16.0	1.50	40	0.015	1500	0.065	6	1.150 29.21	0.600 15.24	1.000 25.40	0.400 10.16	0.800 20.32	0.14-0.16 3.56-4.06
54P2938	54PR2938	30.0	0.90	24	0.005	1500	0.090	7						
								6	2.500 63.50	0.950 24.13	2.250 57.15	0.700 17.78	1.200 30.48	0.12-0.16 3.05-4.06
								7	2.500 63.50	0.950 24.13	2.250 57.15	0.700 17.78	1.200 30.48	0.12-0.16 3.05-4.06

Note: 45 Degree C MAX Temperature Rise Due to Rated Current.
Winding: Balun Wound to Within 1%.