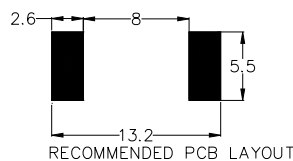
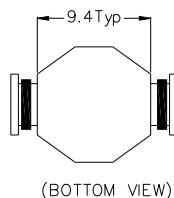
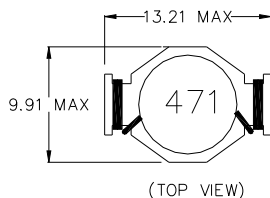


ET-536A SERIES

SMD Power Inductors



- Unshielded drum core.
- Height : 5.46mm Max (5.97mm Max for 1.0~10uH)
(5.72mm Max for 15~100uH)
- Footprint : 9.91x13.21mm Max.
- Current rating : Up to 10A
- Inductance range : 1.0uH to 2.2mH



UNIT : mm

Electrical specification at 25°C

Part Number.	Inductance ¹ (uH $\pm$ 20%)	Dc resistance (m Ω Max.)	Isat ² (ADC Max.)	SRF (MHz Min)
ET - 536A - 1R0	1.00	2.5	10.0	40
ET - 536A - 1R5	1.50	3.5	8.50	35
ET - 536A - 2R2	2.20	5.5	8.00	30
ET - 536A - 3R3	3.30	7.5	6.80	25
ET - 536A - 4R7	4.70	12.0	5.80	22
ET - 536A - 6R8	6.80	16.0	4.60	16
ET - 536A - 100	10.0	23.5	3.80	12
ET - 536A - 150	15.0	37.0	3.20	10
ET - 536A - 220	22.0	57.5	2.60	8.0
ET - 536A - 330	33.0	76.5	2.00	6.0
ET - 536A - 470	47.0	118	1.80	5.0
ET - 536A - 680	68.0	151	1.45	4.0
ET - 536A - 820	82.0	201	1.30	3.5
ET - 536A - 101	100.0	251	1.20	2.5
ET - 536A - 151	150.0	384	1.00	2.0
ET - 536A - 221	220.0	518	0.84	1.5
ET - 536A - 331	330.0	874	0.69	1.2
ET - 536A - 471	470.0	1250	0.56	1.0
ET - 536A - 681	680.0	1849	0.46	0.80
ET - 536A - 102	1000.0	2800	0.39	0.50
ET - 536A - 152	1500.0	4367	0.32	0.45
ET - 536A - 222	2200.0	6108	0.26	0.40

1. Inductance tested at 100 KHz , 0.1 Vrms , 0 ADC.
2. Inductance drop = 10% typ. at rated Isat.
3. Reflow solder rating, 245°C for 10 sec.
4. Operating temperature range -40°C to +130°C.