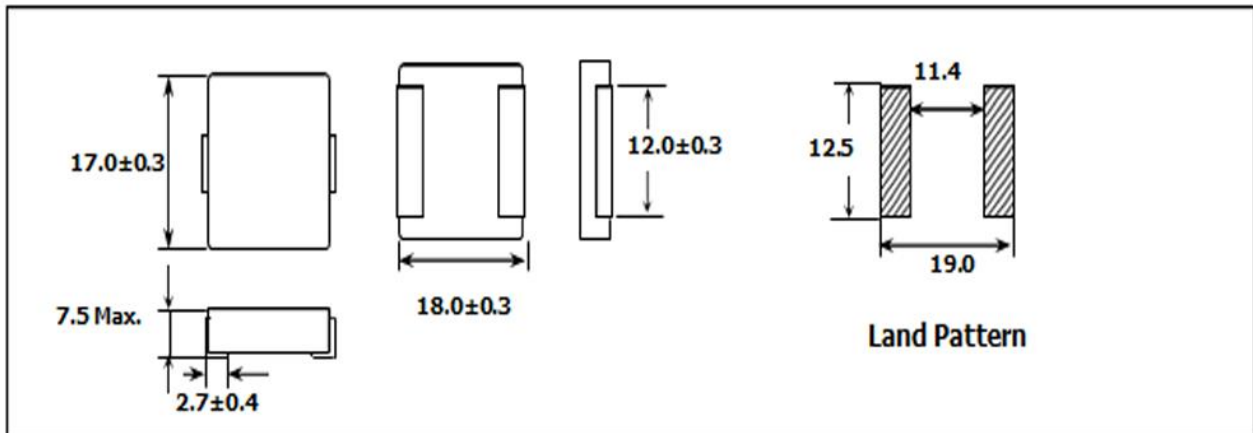


# FTC44P

POWER INDUCTORS FOR SURFACE MOUNTING



## SPECIFICATION

Part Number	Inductance ± 20% (uH)	DC Resistance (typ., mΩ)	DC Resistance ± 20% @ 20°C (max., mΩ)	Saturation Rated Current (max., A) <sup>(1)</sup>	Temperature Rise Current (typ., A) <sup>(2)</sup>
FTC44P-1R0	1	1.3	1.5	60	29
FTC44P-1R5	1.5	1.4	1.9	55	28
FTC44P-2R2	2.2	2.4	3	52	27
FTC44P-3R3	3.3	3.2	3.6	50	25
FTC44P-4R7	4.7	4	4.5	40	20
FTC44P-6R8	6.8	8.4	9	30	18
FTC44P-8R2	8.2	8.8	9.5	28	12
FTC44P-100	10	9.9	11	26	11
FTC44P-150	15	15.9	17	21	10
FTC44P-220	22	24.5	28	15	8
FTC44P-330	33	30	36	14	7

1. All Test Data is Referenced to 25°C Ambient Measuring Condition : 100kHz, 100mV Tolerance of Inductance : ± 20%

2. Saturation Rated Current : 20% lower than its initial value

3. Temperature Rise Current : ΔT = 40°C

Temperature of components should be checked in the end application

Operating Temperature : -40°C ~ 125°C

† Transient pulse not to exceed 1 millisecond.

†† Maximum operating frequency less than 10MHz, consult factory for application specific values.