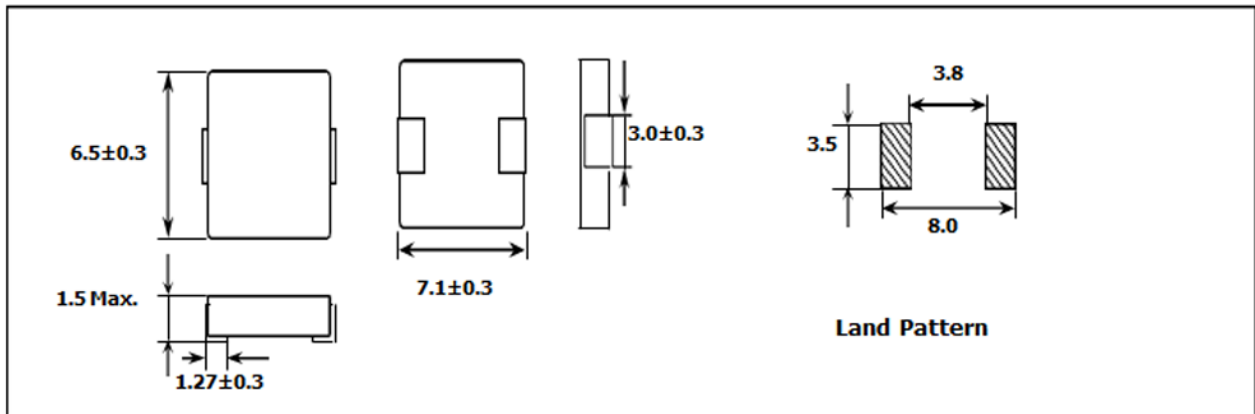


# FTC36P

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>
FTC36P-R47	0.47	8.7	11.5	13.4	5.7
FTC36P-1R0	1.0	18.5	22.8	11.2	4.6
FTC36P-2R2	2.2	40	55	6.5	3.7
FTC36P-3R3	3.3	61.2	70.5	6.0	3.2
FTC36P-4R7	4.7	75	85	4.9	2.5
FTC36P-6R8	6.8	116	140	4.5	2.3
FTC36P-100	10	158.7	163.6	3.6	1.8

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.