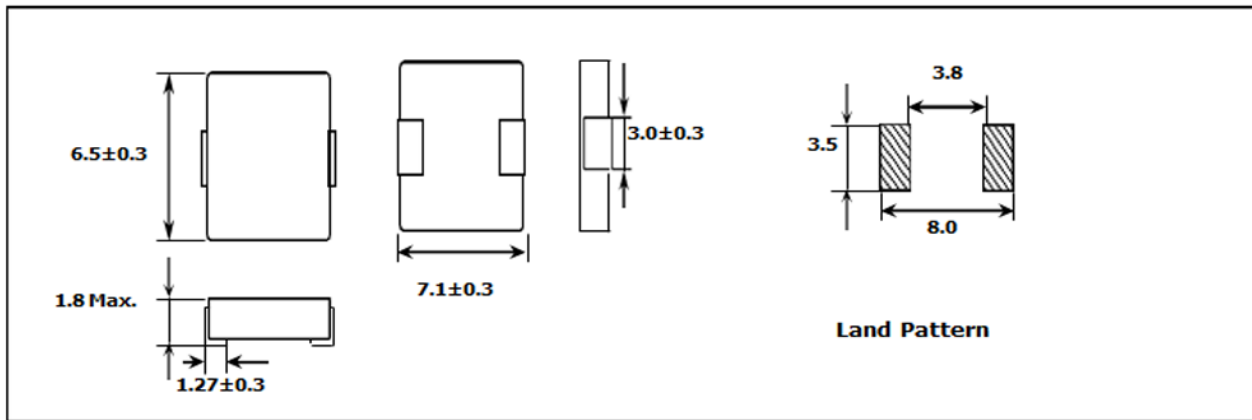


FTC37P

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) ⁽¹⁾	Temperature Rise Current (typ., A) ⁽²⁾
FTC37P-R47	0.47	8.5	9.5	13.2	7.5
FTC37P-1R0	1.0	17.8	18.8	11	6.5
FTC37P-1R5	1.5	25.9	28.3	9.7	5.8
FTC37P-2R2	2.2	32	35	7.0	4.2
FTC37P-3R3	3.3	56.5	61	6.0	3.4
FTC37P-4R7	4.7	69.4	80	4.5	3.0
FTC37P-6R8	6.8	92.7	110	4.2	2.4
FTC37P-100	10	141	150	3.7	2.0

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.