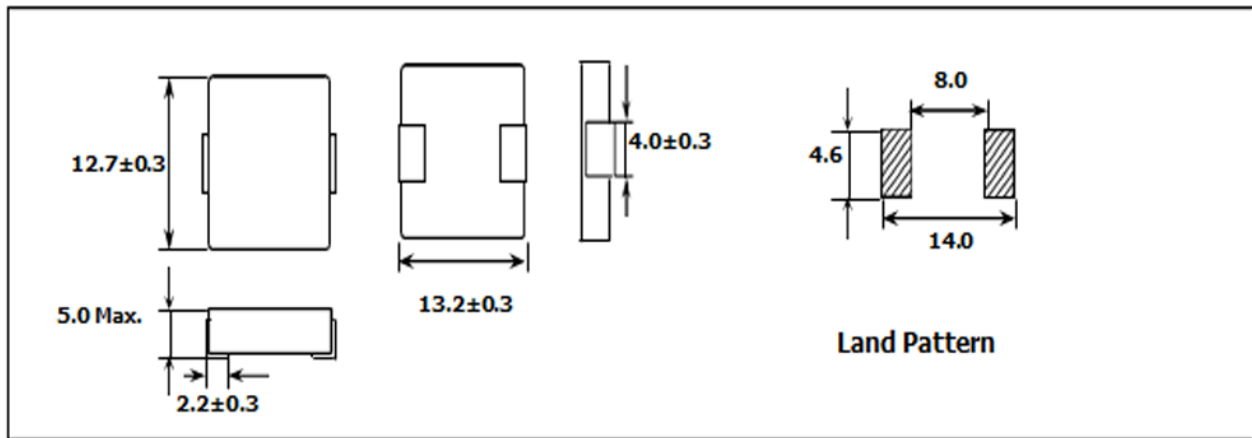


FTC43P

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⁾
FTC43P-R22	0.22	1.1	1.4	55	29
FTC43P-1R0	1.0	2.3	2.9	45	26
FTC43P-1R5	1.5	3.8	4.1	40	20
FTC43P-2R2	2.2	4.6	5.5	32	18
FTC43P-3R3	3.3	8.4	9.2	29	13
FTC43P-4R7	4.7	10.1	12	24	11
FTC43P-5R6	5.6	14	16.5	22	10
FTC43P-6R8	6.8	15.4	18.5	19	9.0
FTC43P-8R2	8.2	21	23	17	8.5
FTC43P-100	10	28	34	13	7.0
FTC43P-150	15	47.5	55	12	6.5
FTC43P-220	22	48	56	9.0	5.0
FTC43P-330	33	72.5	78	8.0	3.8
FTC43P-470	47	107.7	115	7.0	3.5

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.