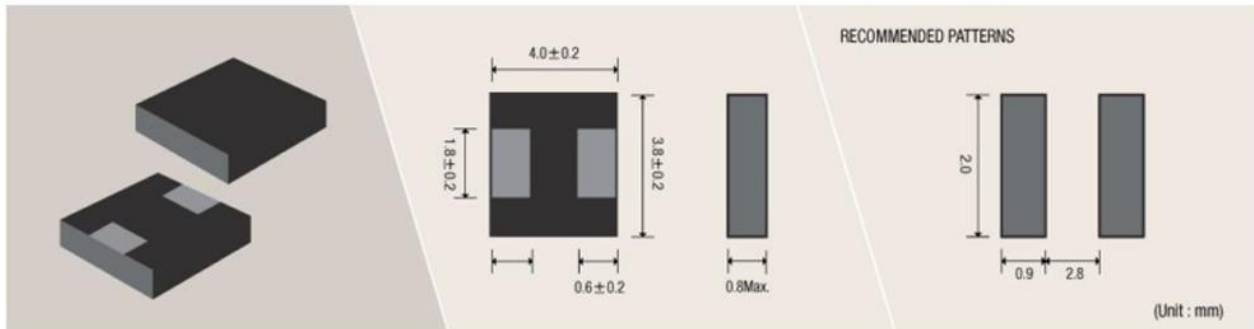


FTC5P

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

- Magnetic alloy power choke coil.
- Miniature size(2.5 x 2.0) and low profile.
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.

SPECIFICATION

Parts No.	Inductance (μ H)	Tolerance (%)	DC Resistance (m Ω) Max.(Typ.)	Rated DC Current (A) Typ.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FTC5P-R22	0.22	± 30	19.8 (16.5)	8.0	6.0
FTC5P-R47	0.47	± 30	31.2 (26)	6.0	4.8
FTC5P-1R0	1.0	± 20	72 (60)	4.8	3.2
FTC5P-2R2	2.2	± 20	150 (125)	3.2	2.2
FTC5P-3R3	3.3	± 20	204 (170)	2.6	1.9
FTC5P-4R7	4.7	± 20	282 (235)	2.2	1.6
FTC5P-6R8	6.8	± 20	384 (320)	1.8	1.4
FTC5P-100	100	± 20	534 (445)	1.5	1.2

- Inductance is measured with the 4294A(Agilent Technologies) or equivalent. (@1 MHz, 0.1Vrms)
- DC Resistance is measured with the Digital Multimeter 3541(Hioki) or equivalent.
- Maximum allowable DC current is that which caused a 30% inductance reduction from the initial value, coil temperature to rise by 40°C whichever is smaller. (Ambient temp. 20°C)

EXAMPLES OF CHARACTERISTICS

