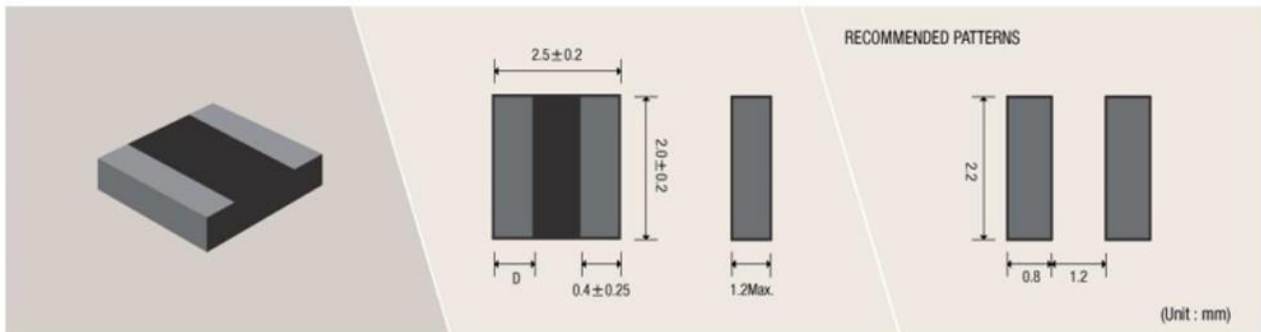


FTC2P

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.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FTC2P-R47	0.47	± 20	24 (20)	4.8	4.5
FTC2P-1R0	1.0	± 20	42 (35)	4.0	3.7
FTC2P-1R5	1.5	± 20	66 (55)	3.4	2.9
FTC2P-2R2	2.2	± 20	90 (75)	2.7	2.3
FTC2P-3R3	3.3	± 20	126 (105)	2.4	1.8
FTC2P-4R7	4.7	± 20	180 (150)	1.9	1.6
FTC2P-5R6	5.6	± 20	240 (200)	1.5	1.5
FTC2P-6R8	6.8	± 20	360 (300)	1.3	1.3
FTC2P-100	100	± 20	468 (390)	1.2	1.1

- 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

