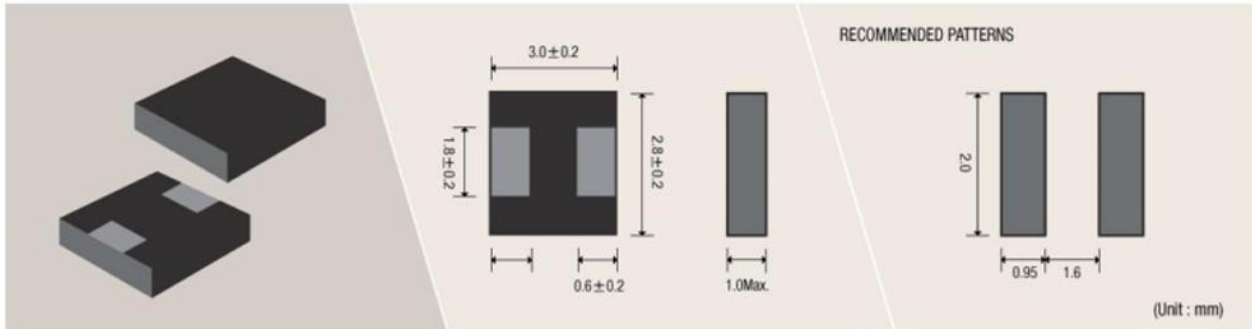


FTC4P

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 ($m\Omega$) Max.(Typ.)	Rated DC Current (A) Typ.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FTC4P-R47	0.47	± 20	30 (25)	5.0	5.2
FTC4P-1R0	1.0	± 20	66 (55)	4.2	3.2
FTC4P-2R2	2.2	± 20	144 (120)	3.5	2.8
FTC4P-4R7	4.7	± 20	252 (210)	1.8	1.6
FTC4P-6R8	6.8	± 20	290.4 (242)	1.6	1.3
FTC4P-100	10.0	± 20	410.4 (342)	1.3	1.1

- Inductance is measured with the 4294A(Agilent Technologies) orequivalent. (@1 MHz, 0.1Vrms)
- DC Resistance is measured with the Digital Multimeter 3541(Hioki) orequivalent.
- 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

