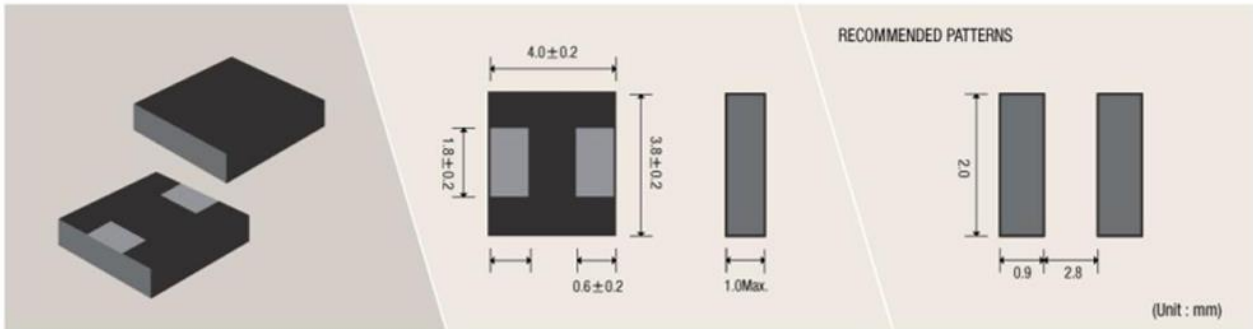


# FTC6P

POWER INDUCTORS FOR SURFACE MOUNTING



## FEATURES

- Magnetic alloy power choke coil.
- Lowest profile.
- Magnetic shielded.
- Low acoustic noise and high efficiency.
- Halogen Free and RoHS compliant.

## SPECIFICATION

Parts No.	Inductance ( $\mu\text{H}$ )	Tolerance (%)	DC Resistance ( $\text{m}\Omega$ ) Max.(Typ.)	Rated DC Current (A) Typ.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FTC6P-6R8	6.8	$\pm 20$	240 (200)	1.9	1.4
FTC6P-100	10.0	$\pm 20$	372 (310)	1.6	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

