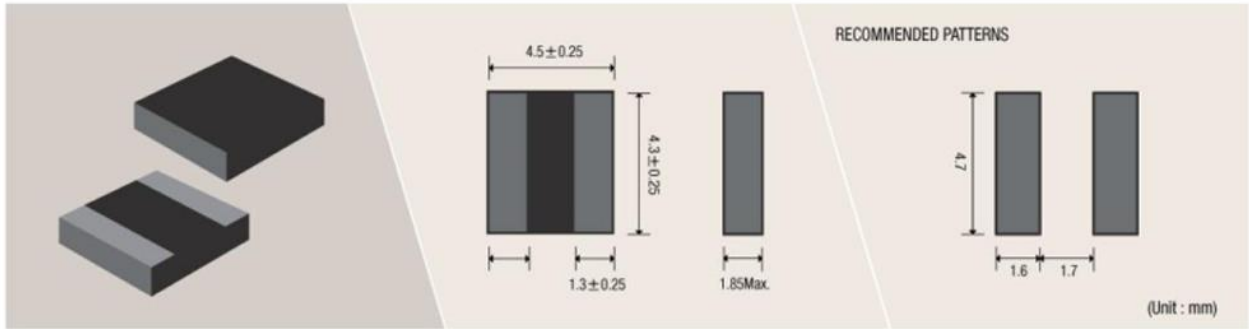


# FTC9P

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 ( $\mu$ H)	Tolerance (%)	DC Resistance (m $\Omega$ ) Max.(Typ.)	Rated DC Current (A) Typ.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FT9P-R47	0.47	$\pm 20$	10.8 (8.9)	8.4	7.8
FT9P-1R0	1.0	$\pm 20$	18 (157)	6.0	6.8
FT9P-2R2	2.2	$\pm 20$	39 (33)	4.4	4.4
FT9P-3R3	3.3	$\pm 20$	54 (454)	3.6	3.8
FT9P-4R7	4.7	$\pm 20$	72 (60)	3.4	3.4
FT9P-6R8	6.8	$\pm 20$	115 (96)	2.5	2.8
FT9P-100	10.0	$\pm 20$	157 (131)	2.2	2.2
FT9P-220	22.0	$\pm 20$	315 (263)	1.6	1.5

- 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

