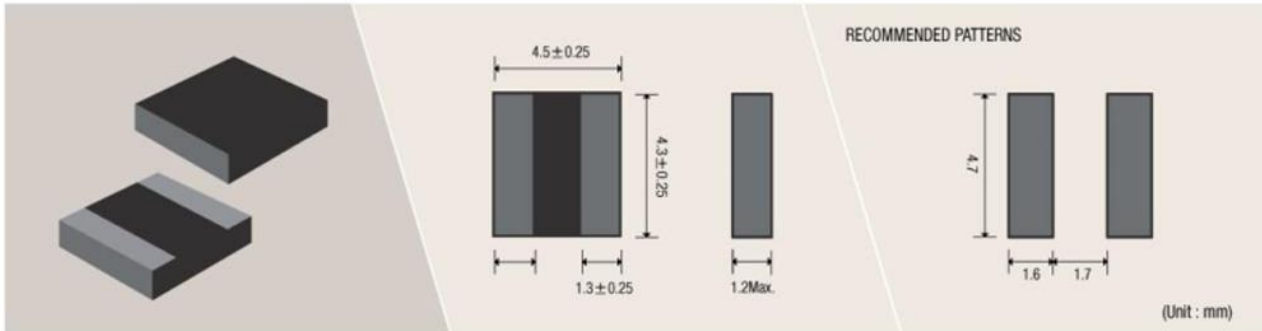


# FTC7P

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.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FTC7P-R47	0.47	$\pm 20$	19.6 (16.4)	8.0	6.0
FTC7P-1R0	1.0	$\pm 20$	33 (27)	6.0	4.8
FTC7P-2R2	2.2	$\pm 20$	79 (66)	4.2	3.0
FTC7P-4R7	4.7	$\pm 20$	124 (104)	3.0	2.4
FTC7P-6R8	6.8	$\pm 20$	213 (178)	2.4	1.8
FTC7P-100	10.0	$\pm 20$	307 (256)	2.1	1.6
FTC7P-220	22.0	$\pm 20$	580 (484)	1.3	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

