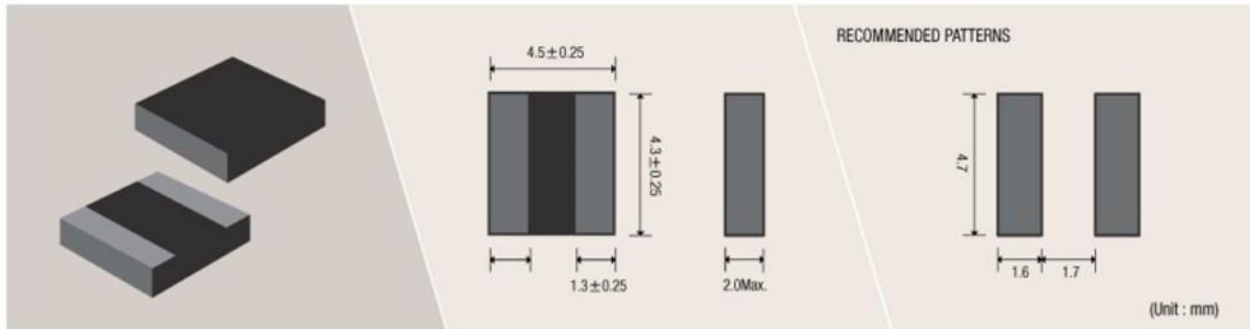


FTC10P

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 (μ H)	Tolerance (%)	DC Resistance (m Ω) Max. (Typ.)	Rated DC Current (A) Typ.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FTC10P-R47	0.47	± 20	9.0 (7.5)	10.0	8.5
FTC10P-1R0	1.0	± 20	18 (15)	6.0	5.8
FTC10P-2R2	2.2	± 20	33 (28)	4.6	4.4
FTC10P-3R3	3.3	± 20	54 (45)	3.6	3.4
FTC10P-4R7	4.7	± 20	70 (58)	3.2	3.0
FTC10P-6R8	6.8	± 20	90 (75)	2.6	2.5
FTC10P-100	10.0	± 20	126 (185)	2.3	2.2
FTC10P-220	22.0	± 20	282 (235)	1.5	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

