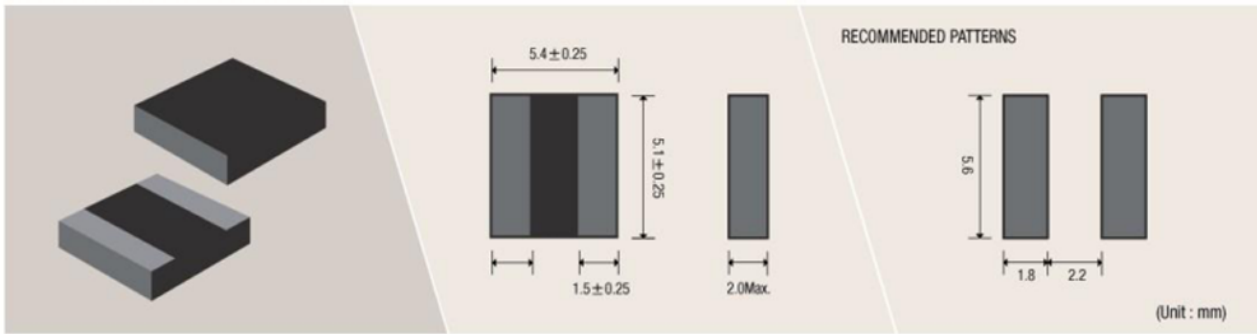


# FTC11P

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 (μH)	Tolerance (%)	DC Resistance (mΩ) Max.(Typ.)	Rated DC Current (A) Typ.	
				ΔL / L = 30%	ΔL / L = 40°C
FTC11P-1R0	1.0	±20	16.8 (14)	6.6	5.1
FTC11P-2R2	2.2	±20	28 (24)	5.0	4.1
FTC11P-3R3	3.3	±20	40 (33)	4.2	3.7
FTC11P-4R7	4.7	±20	60 (50)	3.9	2.0
FTC11P-6R8	6.8	±20	84 (70)	3.0	2.6
FTC11P-100	10.0	±20	132 (110)	2.4	2.1

- 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

