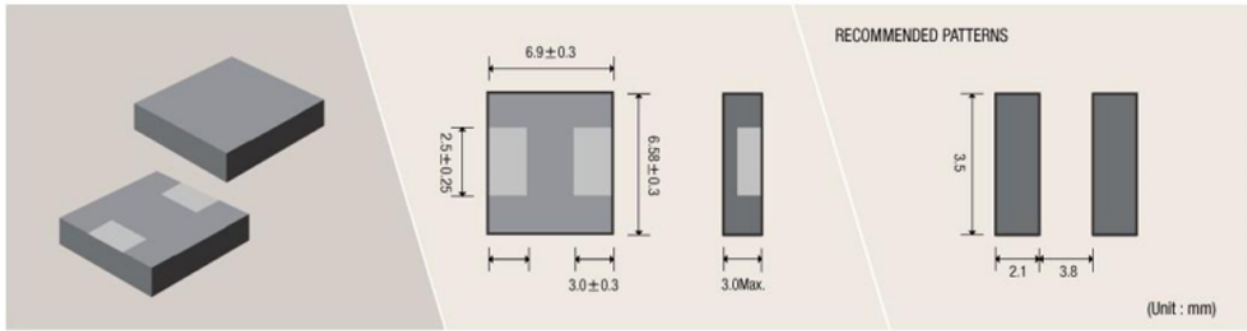


FTC12P

POWER INDUCTORS FOR SURFACE MOUNTING



FEATURES

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

SPECIFICATION

Parts No.	Inductance (μ H)	Tolerance (%)	DC Resistance ($m\Omega$) Max.(Typ.)	Rated DC Current (A) Typ.	
				$\Delta L / L = 30\%$	$\Delta L / L = 40^\circ\text{C}$
FTC12P-R22	0.22	± 20	2.5 (2.1)	24.0	12.5
FTC12P-1R0	1.0	± 20	8 (6.7)	11.0	8.0
FTC12P-2R2	2.2	± 20	19.2 (16)	10.0	5.5
FTC12P-4R7	4.7	± 20	42 (35)	5.5	4.1
FTC12P-100	10.0	± 20	74.4 (62)	3.8	3.0
FTC12P-220	22.0	± 20	180 (150)	3.6	2.0

- 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

