

Power Choke Coil

Japan
Singapore

Series: **PCC-M125L (MC)**



High power, Low loss, Low profile

■ Features

- High power (25 A to 30 A)
- Low loss (R_{DC} : 0.8 to 1.1 m Ω)
- Narrow R_{DC} tolerance ($\pm 5\%$ to $\pm 7\%$)
- Low profile (14.5×12.5×H5.0 mm)
- High frequency (up to 1 MHz)
- Low buzz noise due to its gap-less structure

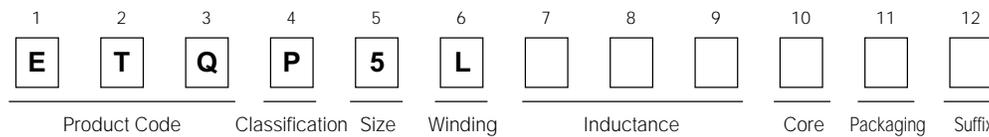
■ Recommended Applications

- Servers, Routers, DC-DC converters for driving CPUs
- Notebook PC power supply modules

■ Standard Packing Quantity

- 500 pcs./Reel

■ Explanation of Part Numbers



■ Standard Parts

Part No.	Inductance (at 20 °C)				Rated current (A)	DC resistance (at 20 °C) (m Ω) center
	L1		L2 (Reference)			
	(μ H)	Measurement current (A)	(μ H)	Measurement current (A)		
ETQP5LR50XFA	0.50 \pm 20 %	30	(0.46)	42	27	0.80 \pm 7 %
ETQP5LR60XFA	0.60 \pm 20 %	30	(0.54)	42	30	1.10 \pm 5 %

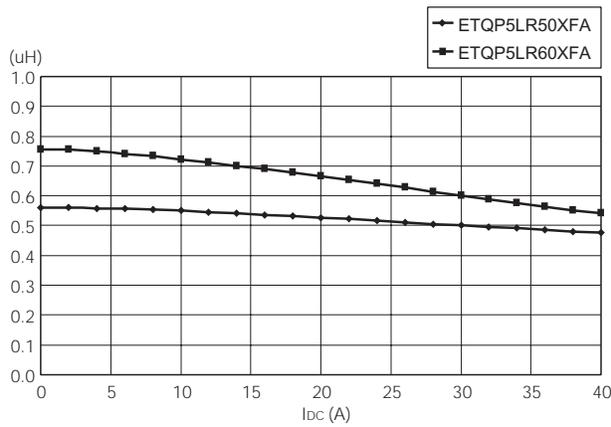
(Note1) Inductance is measured at 100 kHz

(Note2) Case heating current is the value of the current at which the temperature of the coil case rises 40 °C above its initial temperature with T(ambient)=25 °C

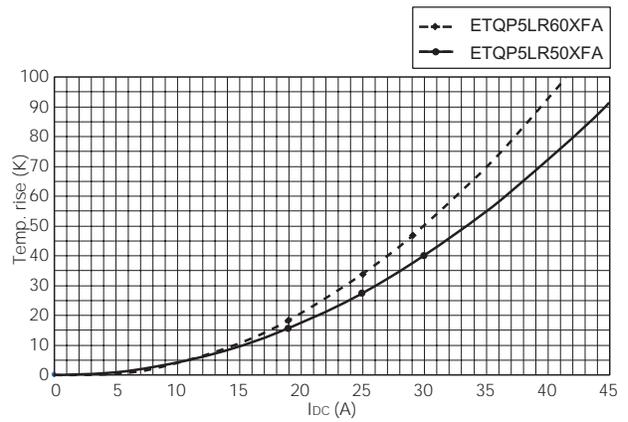
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Performance Characteristics (Reference)

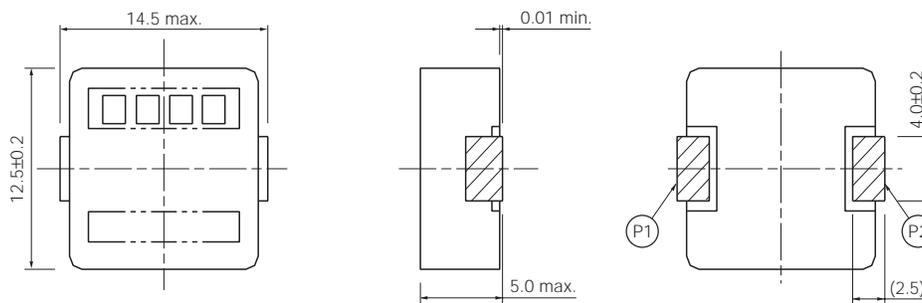
Inductance vs DC Current



Case Temperature vs DC Current



■ Dimensions in mm (not to scale)



■ Connection



■ Recommended Land Pattern in mm (not to scale)

