Power Choke Coil

Japan
Singapore

Series: **PCC-M104L (MC)**

This is small mount size with adequate to multi phase circuits

Industrial Property: Patents 4 (pending)

■ Features

- Small type (11.5×10.0×H4.0 mm)
- High power (21 A to 28 A)
- Low loss realized (DCR :0.7 to 1.6 mΩ)
- High frequency (to 1 MHz)
- Surface mount soldering without lead
- Low buzz noise by gap-less structure

■ Recommended Applications

- Srever, Router DC/DC converter for driving CPU at high speed
- Note·Desk Top PC power supply module CPU

■ Standard Packing Quantity

- 500 pcs./Reel

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	T	Q	P		L						
Product Code			Classification	Size	Winding	Inductance			Core	Packaging	Suffix

■ Examples

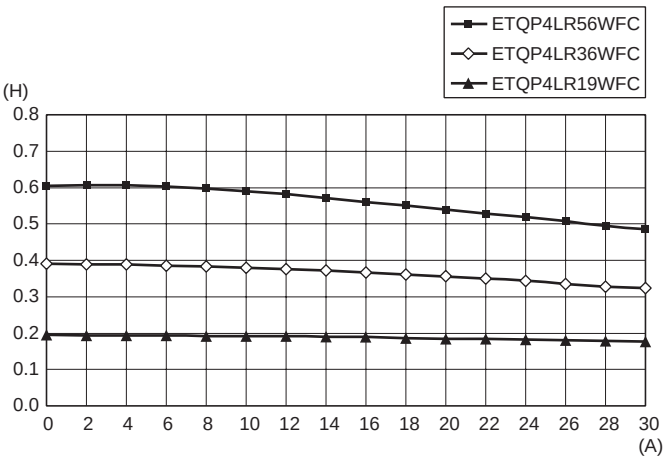
Part No.	Inductance (at 20 °C)					Rated current (A)	DC resistance (at 20 °C) (mΩ) center
	L1			L2 (Reference)			
	(µH)	Tolerance (%)	Measurement current (A)	(µH)	Measurement current (A)		
ETQP4LR19WFC	0.19	±20	21	0.17	30	28	0.70
ETQP4LR36WFC	0.36		17	0.34	24	24	1.10
ETQP4LR56WFC	0.56		15	0.53	21	21	1.60

(Note1) Measured Frequency of Inductance is 100 kHz

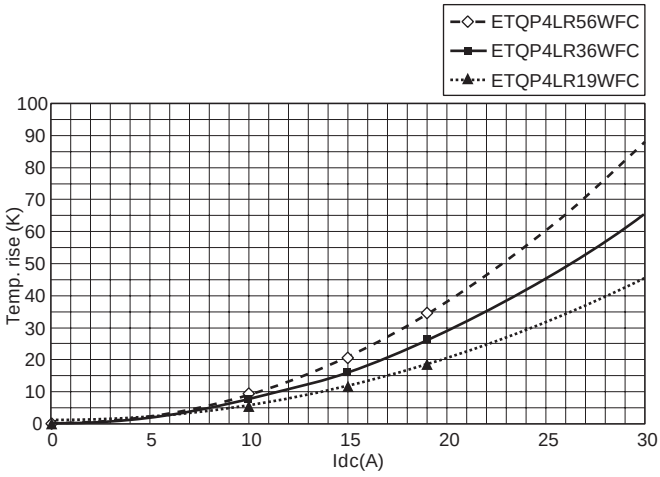
(Note2) The current value is the actual value of the current at which the temperature of coil becomes 40 K when DC current flows.

■ Performance Characteristics (Reference)

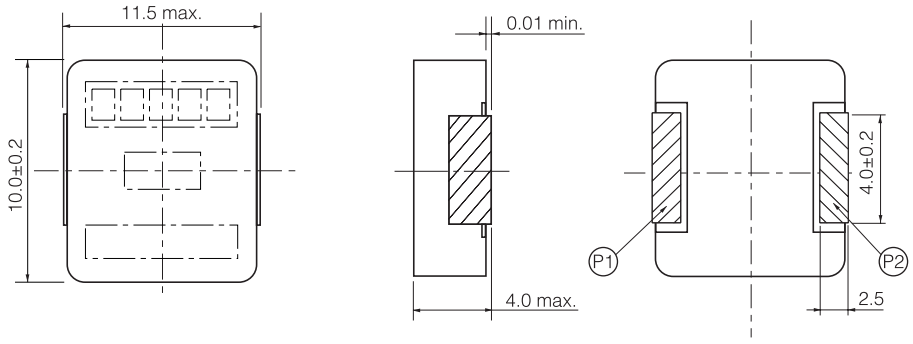
DC Current VS Inductance



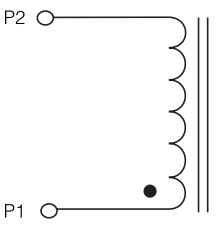
DC Current VS Temperature



■ Dimensions in mm (not to scale)



■ Connection



■ Recommended Land Pattern in mm (not to scale)