

Power Choke Coil

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

Small mounting size for multi-phase DC-DC converter circuits



■ Features

- Small type (11.5×10.0×H4.0 mm)
- High power (21 A to 28 A)
- Low loss (R_{DC} : 0.7 to 1.56 m Ω)
- Tighter DCR tolerance ($\pm 5\%$ to $\pm 10\%$)
- Suitable for high frequency circuit (up to 1 MHz)
- Low buzz noise due to its gap-less structure
- RoHS compliant

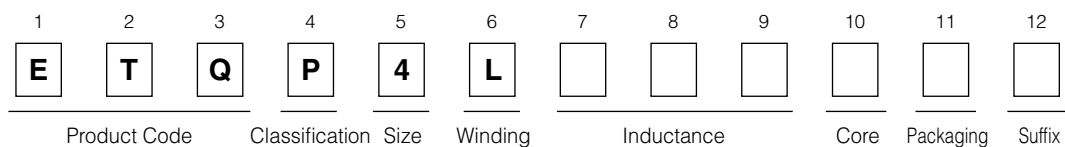
■ Recommended Applications

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

■ Standard Packing Quantity (Minimum Quantity/Packing Unit)

- 2000 pcs./box (2 reel)

■ Explanation of Part Numbers



■ Standard Parts

Part No.	Inductance (at 20 °C)*1					Rated current (A)*2	DC resistance (at 20 °C) (m Ω)
	L0 at 0A	L1		L2 (Reference)			
	(μ H)	(μ H)	Measurement current (A)	(μ H)	Measurement current (A)		
ETQP4LR19WFC	(0.20)	0.19 \pm 20 %	21	(0.17)	30	28	0.70 \pm 10 %
ETQP4LR36WFC	(0.37)	0.36 \pm 20 %	17	(0.34)	24	24	1.10 \pm 5 %
ETQP4LR56WFC	(0.60)	0.56 \pm 20 %	15	(0.53)	21	21	1.56 \pm 5 %
ETQP4LR45XFC	0.45+20/-25 %	—	—	(0.38)	25	25	1.10 \pm 5 %

(*1) Inductance is measured at 100 kHz.

(*2) Rated current defines actual value of DC current, when temperature rise of coil becomes 40 K.