Power Choke Coil

Japan
Singapore

Series: **PCC-D126H (NX3)**

Low profile, High power, Low loss

Industrial Property: Patents 2 (pending)

■ Features

- High power, high inductance (No saturation performance realized by metal dust core)
  (27 A to 36 A/0.80 µH to 0.45 µH)
- Low loss realized with low DCR (using flat wire)
- Low buzz noise by gap-less structure
- Surface mount type
  (Low profile: height 6.0 mm×13.0 mm×12.9 mm)

■ Recommended Applications

- DC/DC converter for CPU in PC
- Thin type on-board power supply module for exchanger

■ 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		H						
Product Code			Classification	Size	Winding	Inductance			Core	Packaging	Suffix

■ Examples

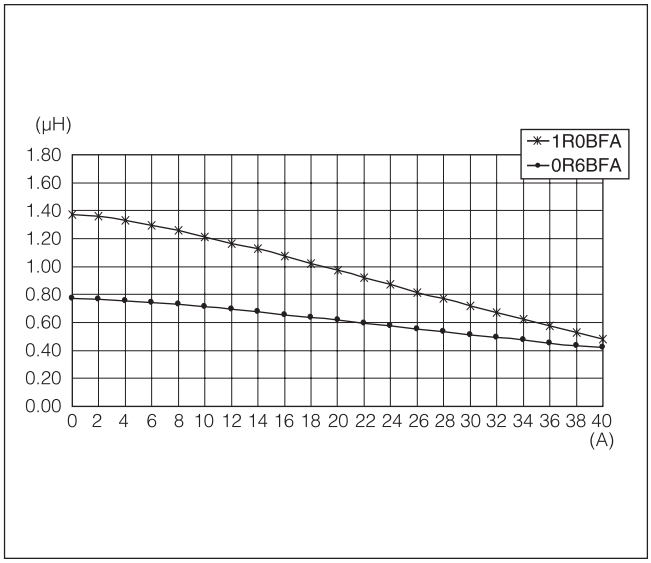
Part No.	Inductance (at 20 °C)					Rated current (A)	DC resistance (at 20 °C) (mΩ) center
	L1			L2 (Reference)			
	(µH)	Tolerance (%)	Measurement current (A)	(µH)	Measurement current (A)		
ETQP1H0R6BFA	0.60	±25	26	0.45	36	26	0.90
ETQP1H1R0BFA	1.00	±20	19	0.80	27	19	1.56

(Note1) Measured Frequency of Inductance is 100 kHz

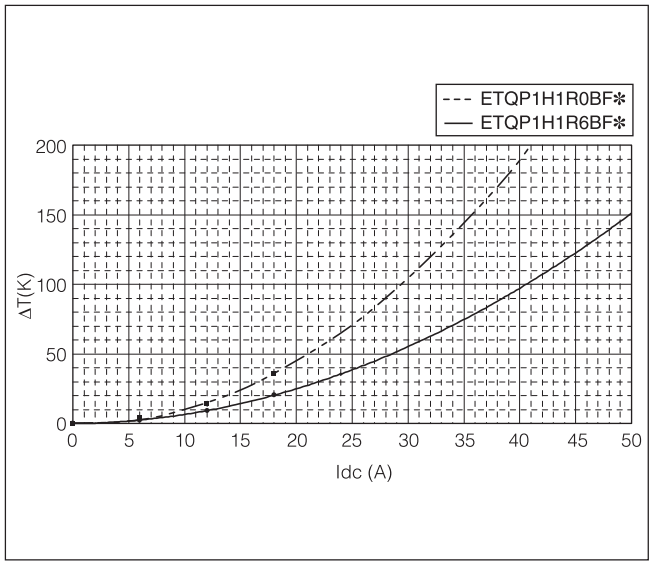
(Note2) The measurement current value of L1 is the actual value of the current at which the temperature of coil becomes 40 K when DC current flows.

■ Performace Characteristics(Reference)

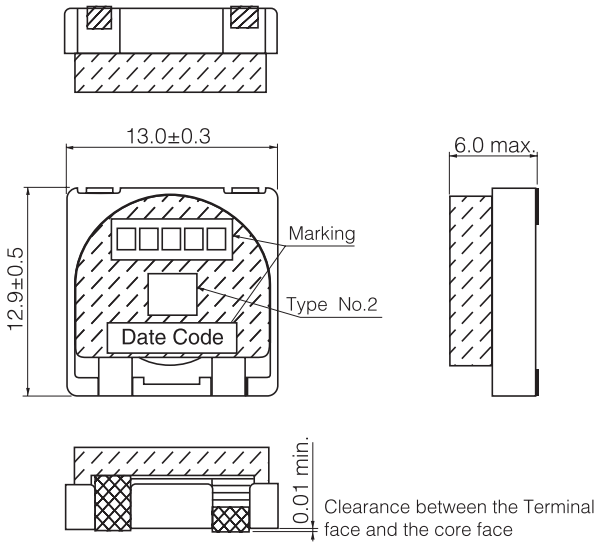
DC Current VS Inductance

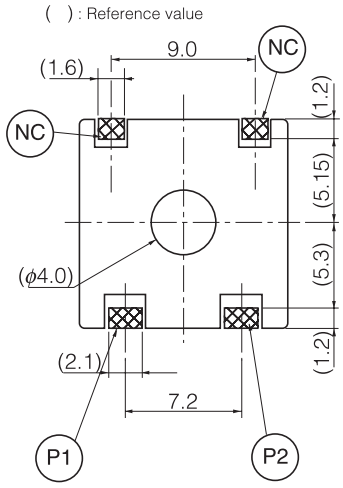


DC Current VS Temperature

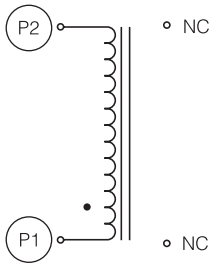


■ Dimensions in mm (not to scale)





■ Connection



■ Recommended Land Pattern in mm (not to scale)