# Panasonic

Power Choke Coil

# Series: PCC-D125H (NX2)

Low profile, High power, Low loss

Industrial Property: Patents 2 (pending)

## Features

- High power, high inductance (No saturation performance realized by metal dust core) (17 A to 50 A/2.12 µH to 0.24 µH)
- Low loss realized with low DCR (using flat wire)
- Low buzz noise by gap-less structure
- Surface mount type
  (Low profile: height 4.9 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



## Examples

Part No.	Inductance (at 20 °C)						
	L1			L2 (Reference)		Rated	DC resistance
	(µH)	Tolerance (%)	Measurement current (A)	(µH)	Measurement current (A)	(A)	(mΩ) center
ETQP2H0R3BFA	0.29	±20	36	0.24	50	36	0.54
ETQP2H0R7BFA	0.69		21	0.59	29	21	1.30
ETQP2H1R2BFA	1.22		16	1.04	22	16	2.27
ETQP2H1R8BFA	1.83		14	1.49	20	14	3.48
ETQP2H2R6BFA	2.61		12	2.12	17	12	4.98
Nete1) Measured Frequency of Inductance is 100 kHz							

(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.

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



Japan

Singapore



#### Performace Characteristics(Reference)



Dimensions in mm (not to scale)



#### Connection



#### Recommended Land Pattern in mm (not to scale)



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