

Power Choke Coil

Series: **PCC-D125H (NX2)**

Low profile, High power, Low loss



■ Features

- High power, high inductance (No saturation performance limitation due to metal dust core)
(17 A to 50 A/2.12 μH to 0.24 μH)
- Low loss due to low R_{DC} (using flat wire)
- Low buzz noise due to its gap-less structure
- Surface mount, low profile
(H) 4.9 mm×(L)13.0 mm×(W)12.9 mm
- RoHS compliant

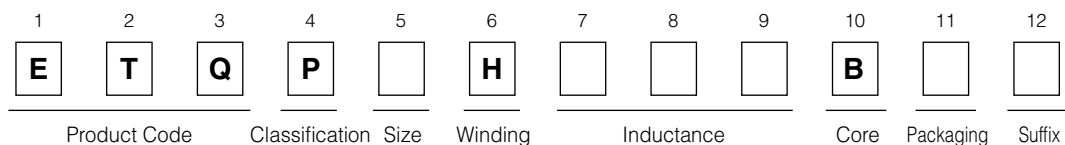
■ Recommended Applications

- DC-DC converter for CPU in PCs
- Thin on-board power supply modules for servers

■ Standard Packing Quantity

- 500 pcs./Reel

■ Explanation of Part Numbers



■ Standard Parts

Part No.	Inductance (at 20 °C)*1					Rated current (A)*2	DC resistance (at 20 °C) (mΩ) max.
	L1			L2 (Reference)			
	(μH)	Tolerance (%)	Measurement current (A)	(μH)	Measurement current (A)		
ETQP2H0R3BFBA	0.29	±20	36	0.24	50	36	0.54
ETQP2H0R7BFBA	0.69		21	0.59	29	21	1.30
ETQP2H1R2BFBA	1.22		16	1.04	22	16	2.27
ETQP2H1R8BFBA	1.83		14	1.49	20	14	3.48
ETQP2H2R6BFBA	2.61		12	2.12	17	12	4.98

(*1) Inductance is measured at 100 kHz.

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