



SMD Power Inductors

Power Inductor SMT Unshielded - TC3316DHP Series / 功率电感晶片开放式

► Power Inductor Features

- Magnetic circuit construction
- Compact and thin
- Mn-Zn material core
- Rugged self-leaded construction

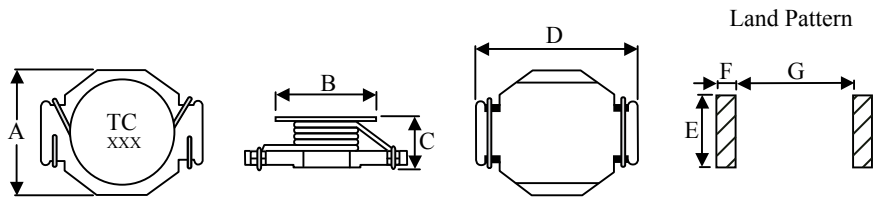
► Applications

Notebook, Low voltage DC-DC converter, power supply applications.

► Power Inductor Dimensions & Configurations (Unit: mm)

Type	A(max)	B ± 0.3	C(max)	D(max)	E	F	G
TC3316DHP	9.91	8.38	6.35	13.21	4.06	1.52	8.64

Note: Design as Customer's Requested Specifications.



► Electrical Characteristics for TC3316DHP Series Power Inductor

Part Number	Inductance(μH)	Test Freq.(KHz)	DCR (Ω)(max)	IDC (A)(max)
TC3316DHP - R33N	0.33	100	0.002	20.00
TC3316DHP - R68N	0.68	100	0.005	13.00
TC3316DHP - 1R0N	1.00	100	0.006	11.00
TC3316DHP - 1R5M	1.50	100	0.008	9.00
TC3316DHP - 2R2M	2.20	100	0.011	7.80
TC3316DHP - 2R7M	2.70	100	0.012	7.00
TC3316DHP - 3R3M	3.30	100	0.014	6.40
TC3316DHP - 4R7M	4.70	100	0.018	5.40

Note: Test Freq.: 100KHz / 0.25V.

Operating Temp.: -40°C ~ +85°C.

Inductance drop=10% typ. at IDC.

► How to Order

TC3316DHP	-	R33	N
①		②	③

① SMT Unshielded Power Inductors

② Inductance

Code	Inductance
R33	0.33μH
1R5	1.50μH

③ Tolerance

Code	Tolerance
K	10%
L	15%
M	20%
N	30%

