

Power inductors PWRH042S-135S 系列

◆ Features

- Molding type SMT inductor with metal alloy powder construction.
- Small footprint and low profile design.
- Large current and low DCR.
- Small copper loss design.
- Magnetic shielded, suitable for high density mounting.

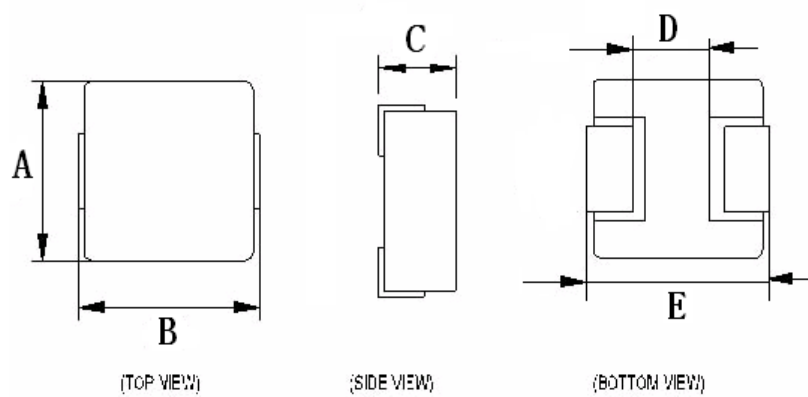


◆ Applications

- Laptops, desktops, and servers
- GPSs
- Communication devices
- VGA cards
- DC/DC converters
- VRMs

Type (型式)	A	B	C(max)	D	E
PWRH042S	4, 4MAX	5, 0MAX	2, 1MAX	2, 2	5, 2
PWRH062S	6, 8MAX	7, 5MAX	2, 4MAX	3, 7	8, 4
PWRH063S	6, 8MAX	7, 5MAX	3, 0MAX	3, 7	8, 4
PWRH104S	10, 4MAX	11, 5MAX	4, 0MAX	5, 4	13, 6
PWRH134S	13, 0MAX	13, 8MAX	3, 5MAX	8, 0	14, 5
PWRH135S	13, 0MAX	13, 8MAX	5, 0MAX	8, 0	14, 5

SCHEMATICS





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Part Number (品名)	Inductance (μ H) (电感值)	DCR(max) ($m\Omega$) (直流阻抗)	IDC(A) (max) $\Delta L/L=-35\%; \Delta$ $t=40^{\circ}\text{C}$ (额定电流)	Test Freq. (测试频率)
PWRH042S	0.1 μ H~3.3 μ H	3.5 $m\Omega$ ~74.0 $m\Omega$	2.5A~12.0A	100KHz/0.25V
PWRH062S	0.1 μ H~6.8 μ H	1.5 $m\Omega$ ~57.0 $m\Omega$	4.0A~30.0A	100KHz/0.25V
PWRH063S	0.47 μ H~10.0 μ H	4.0 $m\Omega$ ~102 $m\Omega$	3.0A~17.5A	100KHz/0.25V
PWRH104S	0.22 μ H~22.0 μ H	1.1 $m\Omega$ ~116.5 $m\Omega$	2.0A~32.0A	100KHz/0.25V
PWRH134S	0.47 μ H~22.0 μ H	1.6 $m\Omega$ ~86.1 $m\Omega$	3.0A~32A	100KHz/0.25V
PWRH135S	0.47 μ H~10.0 μ H	1.1 $m\Omega$ ~21.4 $m\Omega$	9.0A~38.0A	100KHz/0.25V

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