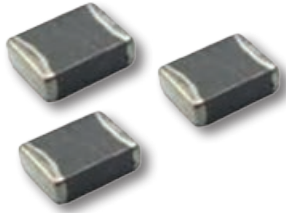
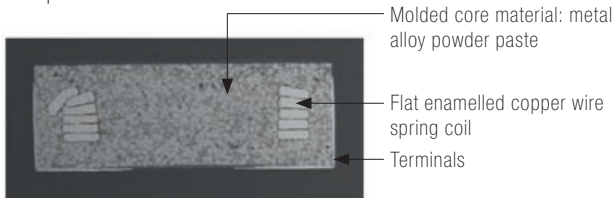


# WIREWOUND POWER INDUCTORS IN CHIP SIZE – WIP SERIES



The new WIP series of Inpaq are wirewound power inductors in chip size. The construction consists of enamelled copper wire spring coil, molded inside a metal alloy powder paste. Core material with best permeability and lowest core loss, combined with a highly efficient production method result in coils with excellent performance and best competitiveness.

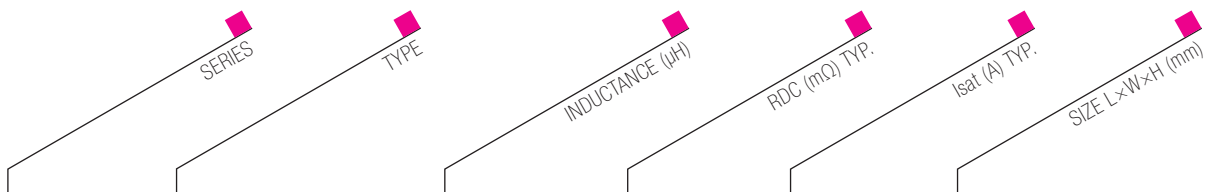


## FEATURES

- High saturation current, up to 6.8 A
- Low DCR, down to 16 mΩ
- Very low core loss
- Suitable for frequency up to 10 MHz
- Excellent EMI
- **Referenced by Qualcomm/Snapdragon**

## APPLICATIONS

- DC/DC converters with high switching frequency
- Portable devices
- Industrial application
- Automotive electronics
- Consumer products



### ELECTRICAL CHARACTERISTICS (T<sub>op</sub>=25°C)

Part Number	Type	Inductance (µH)	RDC (mΩ)	Isat (A)	Size L×W×H (mm)
WIP201610PL	WIP-P (standard)	0.33 ... 2.2	24 ... 135	1.9 ... 5.0	2.0±0.2 × 1.6±0.2 × 1.0 max.
WIP201610SL	WIP-S (high performance)	0.33 ... 2.2	21 ... 117	2.6 ... 6.7	2.0±0.2 × 1.6±0.2 × 1.0 max.
WIP252010PL	WIP-P (standard)	0.22 ... 4.7	9 ... 220	1.8 ... 7.9	2.5±0.2 × 2.0±0.2 × 1.0 max.
WIP252010SL	WIP-S (high performance)	0.33 ... 2.2	17 ... 88	3.3 ... 7.8	2.5±0.2 × 2.0±0.2 × 1.0 max.
WIP252012PL	WIP-P (standard)	0.47 ... 4.7	21 ... 196	1.9 ... 5.3	2.5±0.2 × 2.0±0.2 × 1.2 max.
WIP252012SL	WIP-S (high performance)	0.47 ... 2.2	16 ... 74	3.5 ... 6.8	2.5±0.2 × 2.0±0.2 × 1.2 max.

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