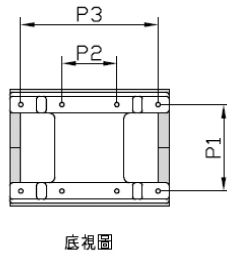
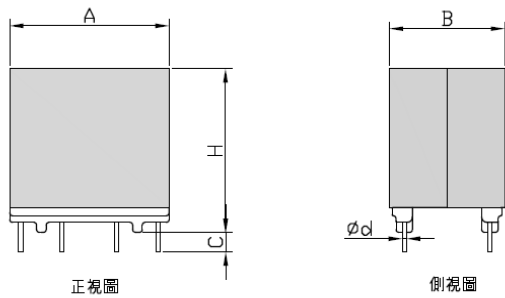


# Powerful PFC Chokes

Product series: BWLX3015A series

**Patent protected!**



**NEW**

## Features:

- Excellent performance on efficiency
- Cost effective design
- Without thermal aging problem
- Very good heat dissipation
- High reliability and temperature stability

## Applications:

- 90 Plus - Power supply units
- Buck-boost converters
- Energy storage requirement

## • Dimensional specifications:

unit in mm

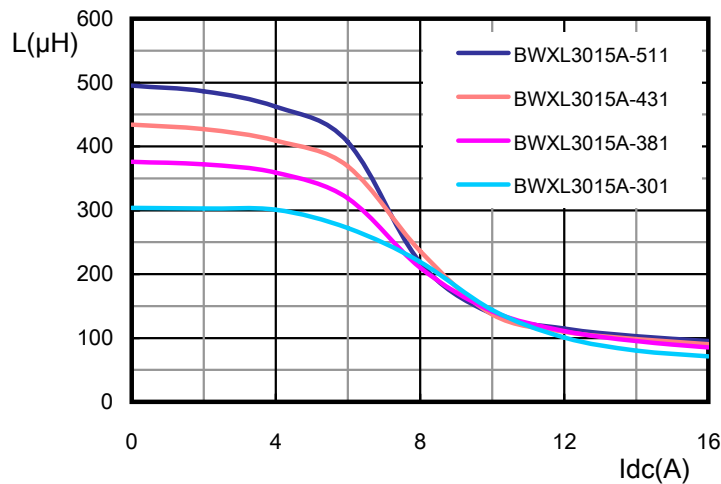
A	B	H	C	Ød	P1	P2	P3
30max	16max	30max	3.5±0.5	0.8±0.1	10.5±0.2	10±0.2	25±0.2

## • Electrical specifications:

Product name	Inductance ± 10% (µH)	Max. Rdc (mΩ)	PF value	Suitable power*
BWLX3015A-511	510	210	> 95%	200W
BWLX3015A-431	430	185	> 95%	250W
BWLX3015A-381	380	150	> 95%	300W
BWLX3015A-301	300	135	> 95%	350W

\*Only reference for PFC choke applications for PSU with Vin=90Vac

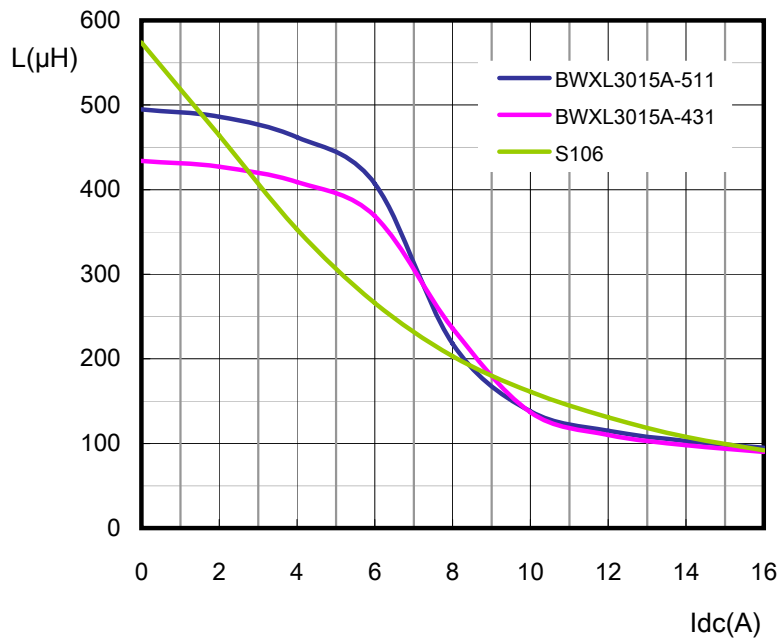
## • DC-bias property: (typical curves)



# Powerful PFC Chokes

- A high C/P value choice to replace traditional alloy dust cores without change on dimension!

## A. DC-bias property in comparison with a dust core in 106 size



## B. Power loss comparison @ 100KHz, 18V (sine wave)

