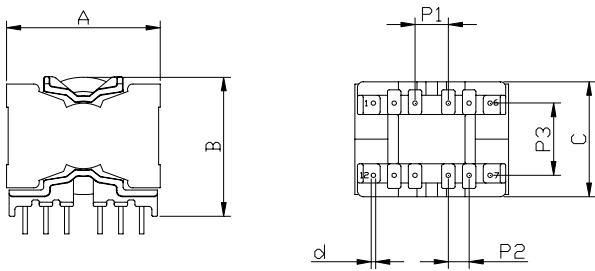


PHD Reactors

Product series: BWXL-PQ5035A series

Patent protected!



Features:

- Excellent performance on efficiency
- Cost effective design
- IEC standard core type
- Very good heat dissipation
- High reliability and temperature stability

Applications:

- PFC chokes for High power design up to 2KW
- Buck-boost converters
- Energy storage requirement



• Dimensional specifications:

unit in mm

A	B	C	ϕd	P1	P2	P3
52max	46max	37max	1.2	12	6	22.3

• Electrical specifications:

Product name	Inductance $\pm 10\%$ (μH)	Typical Rdc ($\text{m}\Omega$)	PF value	Suitable power*
BWXL-PQ5035A-321	320	37	> 95%	1000~1500W
BWXL-PQ5035A-161	160	19	> 95%	1500~2000W

*Only reference for PFC choke applications for PSU with $V_{in}=100\text{Vac}$

• DC-bias property: (typical curves)

