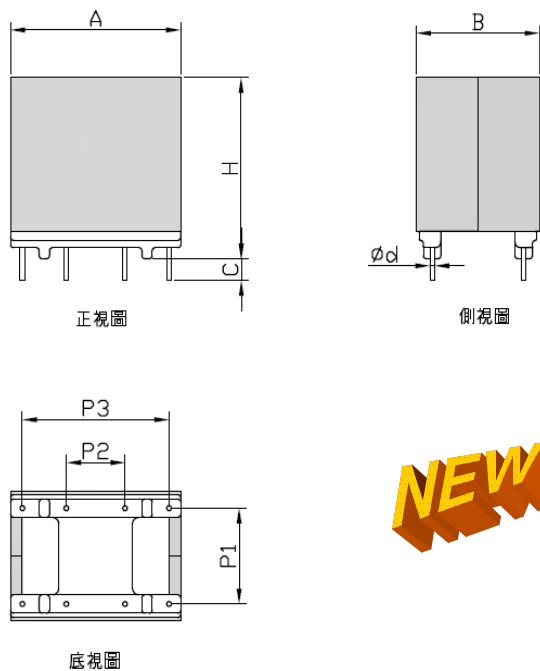


Powerful PFC Chokes



Product series: BWLX3020A series

Patent protected!

Features:

- Excellent performance on efficiency
- Extremely low power loss
- 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

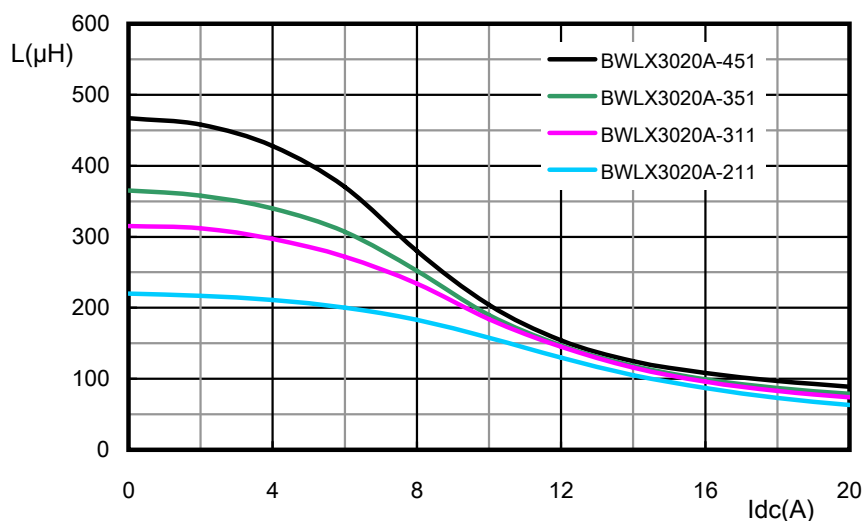
| A | B | H | C | Ød | P1 | P2 | P3 |
|-------|-------|-------|---------|---------|----------|--------|--------|
| 30max | 21max | 30max | 3.5±0.3 | 0.8±0.1 | 15.6±0.2 | 10±0.2 | 25±0.2 |

• Electrical specifications:

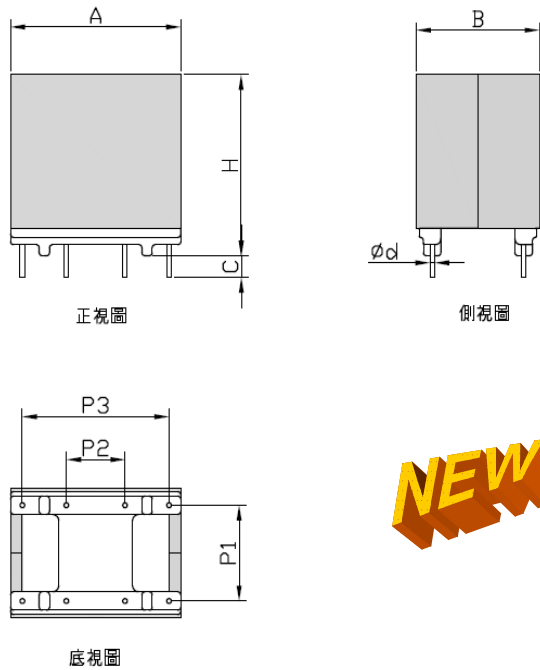
| Product name | Inductance ± 10% (µH) | Max. Rdc (mΩ) | PF value | Suitable power* |
|---------------|--------------------------|------------------|----------|--------------------|
| BWLX3020A-451 | 450 | 160 | > 95% | 300W |
| BWLX3020A-351 | 350 | 130 | > 95% | 300W |
| BWLX3020A-311 | 310 | 105 | > 95% | 400W |
| BWLX3020A-211 | 210 | 85 | > 95% | 500W |

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

• DC-bias property: (typical curves)



Powerful PFC Chokes



NEW

Product series: BWLX3020B series

Patent protected!

Features:

- Further improvement on hysteresis loss
- 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 | 21max | 30max | 3.5±0.3 | 0.8±0.1 | 15.6±0.2 | 10±0.2 | 25±0.2 |

• Electrical specifications:

| Product name | Inductance ± 10% (µH) | Max. Rdc (mΩ) | PF value | Suitable power* |
|---------------|--------------------------|------------------|----------|--------------------|
| BWLX3020B-571 | 570 | 160 | > 95% | 250W |
| BWLX3020B-451 | 450 | 130 | > 95% | 300W |
| BWLX3020B-401 | 400 | 105 | > 95% | 400W |
| BWLX3020B-281 | 280 | 85 | > 95% | 500W |

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

• DC-bias property: (typical curves)

