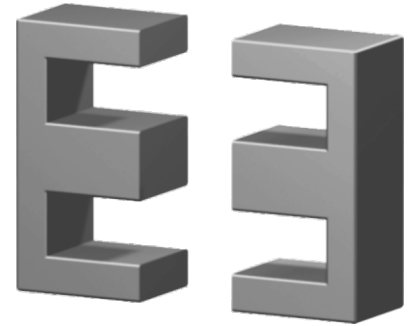
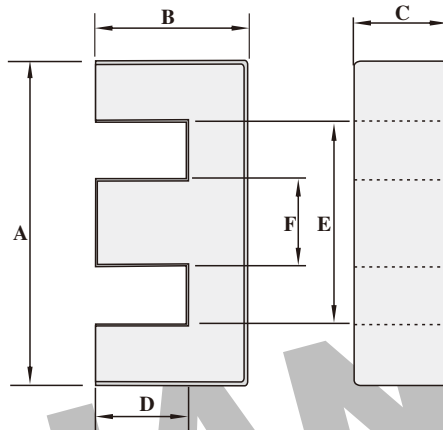


Dimension: (UNIT:mm)

| | |
|---|------------|
| A | 118±1.5 |
| B | 86.5+0.5 |
| C | 35.0 ± 0.4 |
| D | 69.0 ± 0.5 |
| E | 82.0 Min |
| F | 35.0 ± 0.4 |
| G | |
| H | |
| | |



Test conditions

AL: F=1.0KHz U=0.3V N=10Ts

Effective parameter

| C1(mm) ⁻¹ | Ae(mm ²) | Le(mm) | Ve(mm ³) | Weight(g) |
|----------------------|----------------------|--------|----------------------|-----------|
| 0.31 | 1225 | 375 | 483350 | ≈1160 |

Core halves

AL measured in combination with a non-gapped core half, clamping force for AL measurements, 60+/-20N unless otherwise stated.

Properties of core sets under power conditions

| Grade | AL (nH) | μ _e | AIR GAP μm | Type number |
|-------|------------|----------------|------------|-------------|
| P3 | 8500 ± 25% | ≈ 7500 | ≈ 0 | EE118-P3 |

| Grade | B (mT) at | | Core loss (w) at | | |
|-------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|
| | H=250 A/m F=25KHz T=100℃ | F=25 KHz B=200mT T=100℃ | f=100 KHz B=100mT T=100℃ | F=100 KHz B=200mT T=100℃ | F=400 KHz B=50mT T=100℃ |
| P3 | ≥320 | ≤13.5 | ≤16 | - | - |

Note:

- 1: Document is the property of FUAN Inc & is not allow to be duplicated without authorization
- 2: RoHS compliant.