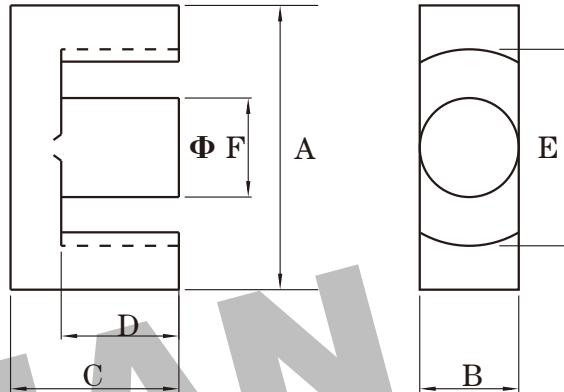


Dimension: (UNIT:mm)

| | |
|---|------------|
| A | 30.6-1.6 |
| B | 9.8-0.6 |
| C | 15.8 ± 0.2 |
| D | 11.0 ± 0.3 |
| E | 22.0Min |
| F | 9.8-0.6 |
| G | |
| H | |

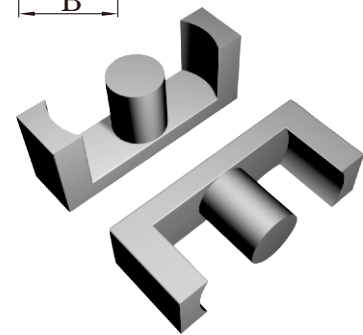


Test conditions

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

Effective parameter

| C1(mm) ⁻¹ | Ae(mm ²) | Le(mm) | Ve(mm ³) | Weight(g) |
|----------------------|----------------------|--------|----------------------|-----------|
| 0.947 | 76 | 72 | 5470 | ≈14 |



Core halves.

Clamping force for Al measurements, 40+/-20N.
gapped cores are available on request.

| Grade | AL (nH) | μe | AIR GAP μm | Type number |
|-------|------------|--------|---------------|-------------|
| P3 | 2350 ± 25% | ≈ 1770 | ≈ 0 | ETD29-P3 |
| P4 | 2350 ± 25% | ≈ 1770 | ≈ 0 | ETD29-P4 |
| HQ2KA | 2200 ± 25% | ≈ 1660 | ≈ 0 | ETD29-HQ2KA |
| HQ2K | 2200 ± 25% | ≈ 1660 | ≈ 0 | ETD29-HQ2K |
| P5 | 1600 ± 25% | ≈ 1210 | ≈ 0 | ETD29-P5 |

Properties of core sets under power conditions

| Grade | B (mT)at | Core loss (w) at | | | |
|-------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|--------------------------------|
| | H=250 A/m F=25KHz T=100°C | F=25 KHz B=200mT T=100°C | f=100 KHz B=100mT T=100°C | F=100 KHz B=200 mT T=100°C | F=400 KHz B=50mT T=100°C |
| P3 | ≥330 | ≤0.66 | ≤0.69 | - | - |
| P4 | ≥330 | - | ≤0.5 | ≤3.0 | - |
| HQ2KA | ≥340 | - | ≤0.37 | ≤2.4 | - |
| HQ2K | ≥320 | - | ≤0.65 | - | ≤1.1 |
| P5 | ≥300 | - | - | - | - |

Properties of core sets under power conditions
(continued)

| Grade | B (mT)at | Core loss (w) at | | | |
|-------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|
| | H=250 A/m F=25KHz T=100°C | F=500 KHz B=50mT T=100°C | F=500 KHz B=100mT T=100°C | F=1.0 MHz B=30 mT T=100°C | F=3.0 MHz B=10mT T=100°C |
| P3 | ≥330 | - | - | - | - |
| P4 | ≥330 | - | - | - | - |
| HQ2KA | ≥340 | ≤2.0 | - | - | - |
| HQ2K | ≥320 | - | - | - | - |
| P5 | ≥300 | ≤0.74 | ≤5.7 | - | - |

Note:

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