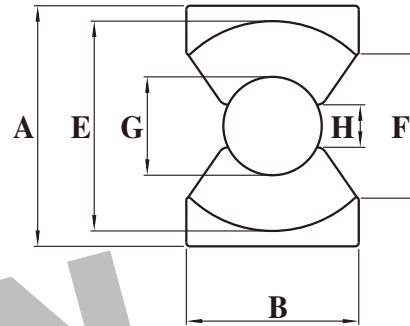
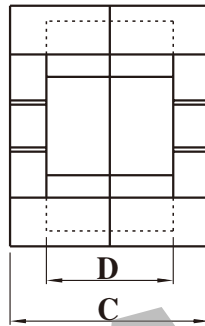


Dimension: (UNIT:mm)

| | |
|---|-------------|
| A | 27.3 ± 0.46 |
| B | 19.0 ± 0.45 |
| C | 24.7 ± 0.25 |
| D | 16.1 ± 0.3 |
| E | 22.5 ± 0.46 |
| F | 15.5Min |
| G | 12.0 ± 0.2 |
| H | 6.0Min |

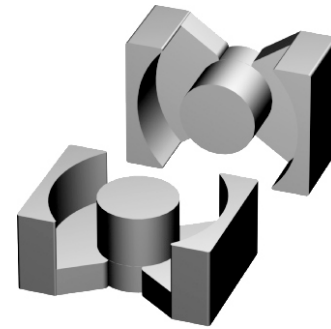


Test conditions

AL: F=10.0KHz U=0.3V N=10Ts

Effective parameter

| C1(mm) ⁻¹ | Ae(mm ²) | Le(mm) | Ve(mm ³) | Weight(g) |
|----------------------|----------------------|--------|----------------------|-----------|
| 0.451 | 120 | 54.3 | 6530 | ≈36 |



Core sets for general purpose transformers and Power applications.

Clamping force for AI measurements,60+/-15N.

Properties of core sets under power conditions

| Grade | AL (nH) | μe | AIR GAP μm | Type number |
|-------|------------|--------|------------|--------------|
| P3 | 250 ± 3% | ≈ 90 | ≈ 730 | PQ2625-P3 |
| | 315 ± 3% | ≈ 113 | ≈ 550 | PQ2625-P3 |
| | 400 ± 3% | ≈ 144 | ≈ 420 | PQ2625-P3 |
| | 630 ± 3% | ≈ 227 | ≈ 240 | PQ2625-P3 |
| | 1000 ± 5% | ≈ 360 | ≈ 140 | PQ2625-P3 |
| P4 | 5250 ± 25% | ≈ 1890 | ≈ 0 | PQ2625-P3 |
| | 5250 ± 25% | ≈ 1890 | ≈ 0 | PQ2625-P4 |
| HQ2KA | 4700 ± 25% | ≈ 1690 | ≈ 0 | PQ2625-HQ2KA |
| HQ2K | 250 ± 3% | ≈ 90 | ≈ 730 | PQ2625-HQ2K |
| | 315 ± 3% | ≈ 113 | ≈ 550 | PQ2625-HQ2K |
| | 400 ± 3% | ≈ 144 | ≈ 420 | PQ2625-HQ2K |
| | 630 ± 3% | ≈ 227 | ≈ 240 | PQ2625-HQ2K |
| | 1000 ± 5% | ≈ 360 | ≈ 140 | PQ2625-HQ2K |
| | 4390 ± 25% | ≈ 1570 | ≈ 0 | PQ2625-HQ2K |

| Grade | B (mT)at | Core loss (w) at | | | |
|-------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|
| | H=250 A/m F=25KHz T=100℃ | F=25 KHz B̂=200mT T=100℃ | f=100 KHz B̂=100mT T=100℃ | F=100 KHz B̂=200mT T=100℃ | F=400 KHz B̂=50mT T=100℃ |
| P3 | ≥ 320 | ≤ 0.79 | ≤ 0.83 | - | - |
| P4 | ≥ 320 | - | ≤ 0.62 | ≤ 4.0 | - |
| HQ2KA | ≥ 340 | - | ≤ 0.5 | ≤ 3.2 | ≤ 1.15 |
| HQ2K | ≥ 320 | - | ≤ 0.72 | - | ≤ 1.2 |

Properties of core sets under power conditions (continued)

| Grade | B (mT)at | Core loss (w) at | | | |
|-------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------------|
| | H=250 A/m F=25KHz T=100℃ | F=500 KHz B̂=50mT T=100℃ | F=500 KHz B̂=100mT T=100℃ | F=1.0 MHz B̂=30mT T=100℃ | F=3.0MHz B̂=10mT T=100℃ |
| P3 | ≥ 320 | - | - | - | - |
| P4 | ≥ 320 | - | - | - | - |
| HQ2KA | ≥ 340 | ≤ 2.5 | - | - | - |
| HQ2K | ≥ 320 | - | - | - | - |

Note:

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