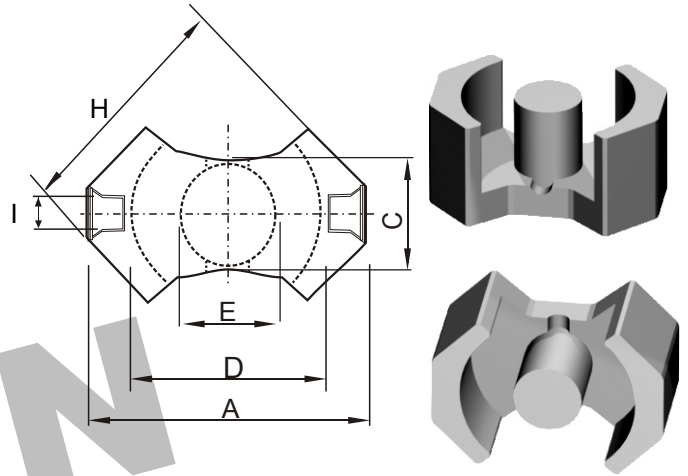
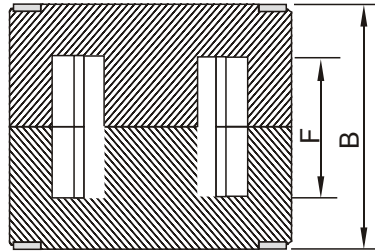


Dimension: (UNIT:mm)

| | |
|---|--------------|
| A | 17.55 ± 0.35 |
| B | 12.4 ± 0.1 |
| C | 8.0 ± 0.2 |
| D | 12.65 ± 0.25 |
| E | 6.3 ± 0.1 |
| F | 8.2 ± 0.2 |
| H | 15.0 ± 0.3 |
| I | 2.9±0.1 |



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) |
|----------------------|----------------------|--------|----------------------|-----------|
| 0.784 | 37.0 | 29.2 | 1090 | ≈5.5 |

Core sets for general purpose transformers and Power applications.

Clamping force for Al measurements,20+/-10N.

| Grade | AL (nH) | μe | AIR GAP μm | Type number |
|-------|------------|---------|-----------------|-------------|
| P3 | 63 ± 3% | ≈ 40 | ≈ 1080 | RM6-P3 |
| | 100 ± 3% | ≈ 63 | ≈ 600 | RM6-P3 |
| | 160 ± 3% | ≈ 100 | ≈ 340 | RM6-P3 |
| | 250 ± 3% | ≈ 157 | ≈ 200 | RM6-P3 |
| | 315 ± 3% | ≈ 198 | ≈ 150 | RM6-P3 |
| | 400 ± 3% | ≈ 251 | ≈ 110 | RM6-P3 |
| | 630 ± 5% | ≈ 396 | ≈ 65 | RM6-P3 |
| | 2600 ± 25% | ≈ 1630 | ≈ 0 | RM6-P3 |
| P4 | 63 ± 3% | ≈ 40 | ≈ 1080 | RM6-P4 |
| | 100 ± 3% | ≈ 63 | ≈ 600 | RM6-P4 |
| | 160 ± 3% | ≈ 100 | ≈ 340 | RM6-P4 |
| | 250 ± 3% | ≈ 157 | ≈ 200 | RM6-P4 |
| | 315 ± 3% | ≈ 198 | ≈ 150 | RM6-P4 |
| | 400 ± 3% | ≈ 251 | ≈ 110 | RM6-P4 |
| | 630 ± 5% | ≈ 396 | ≈ 65 | RM6-P4 |
| | 2600 ± 25% | ≈ 1630 | ≈ 0 | RM6-P4 |
| HQ2KA | 2350 ± 25% | ≈ 1470 | ≈ 0 | RM6-HQ2KA |
| HQ2K | 63 ± 3% | ≈ 40 | ≈ 1080 | RM6-HQ2K |
| | 100 ± 3% | ≈ 63 | ≈ 600 | RM6-HQ2K |
| | 160 ± 3% | ≈ 100 | ≈ 340 | RM6-HQ2K |
| | 250 ± 3% | ≈ 157 | ≈ 200 | RM6-HQ2K |
| | 315 ± 5% | ≈ 198 | ≈ 150 | RM6-HQ2K |
| | 2150 ± 25% | ≈ 1350 | ≈ 0 | RM6-HQ2K |
| P5 | 1750 ± 25% | ≈ 1100 | ≈ 0 | RM6-P5 |

Core sets of high permeability grades.
Clamping force for Al measurements,20+/-10N

| Grade | AL (nH) | μe | AIR GAP μm | Type number |
|-------|---------------|---------|-----------------|-------------|
| H7K | 6000+40/-30% | ≈3770 | ≈0 | RM6-H7K |
| H10K | 8600+40/-30% | ≈5400 | ≈0 | RM6-H10K |
| H12K | 11000+40/-30% | ≈6910 | ≈0 | RM6-H12K |

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 B̄=200mT T=100°C | f=100 KHz B̄=100mT T=100°C | F=100 KHz B̄=200mT T=100°C | F=400 KHz B̄=50mT T=100°C | |
| P3 | ≥320 | ≤0.13 | ≤0.14 | - | - | |
| P4 | ≥320 | - | ≤0.11 | ≤0.6 | - | |
| HQ2KA | ≥340 | - | ≤0.08 | ≤0.4 | ≤0.2 | |
| HQ2K | ≥315 | - | ≤0.14 | - | ≤0.2 | |
| P5 | ≥315 | - | - | - | ≤0.12 | |

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 B̄=50mT T=100°C | F=500 KHz B̄=100mT T=100°C | F=1.0 MHz B̄=30mT T=100°C | F=1.0 MHz B̄=50mT T=100°C | F=3.0MHz B̄=10mT T=100°C |
| P3 | ≥320 | - | - | - | - | |
| P4 | ≥320 | - | - | - | - | |
| HQ2KA | ≥340 | ≤0.5 | - | - | - | |
| HQ2K | ≥315 | - | - | - | - | |
| P5 | ≥315 | ≤0.16 | ≤1.3 | - | - | |

Note:

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- 2:RoHS compliant.