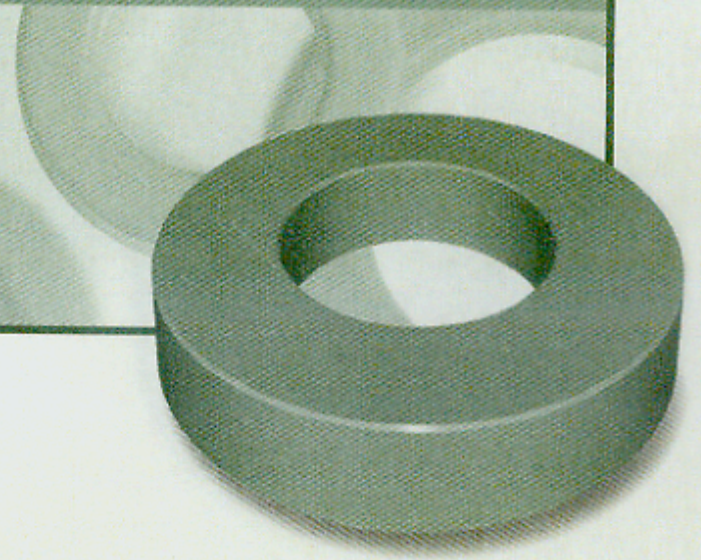


OD 112

OD 11.18mm 0.440inch

ID 6.35mm
HT 3.96mm



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 11.18 | 6.35 | 3.96 |
| | (inch) | 0.440 | 0.250 | 0.156 |
| After coating (Epoxy) | (mm) | 11.90 | 5.89 | 4.72 |
| | (inch) | 0.468 | 0.232 | 0.186 |

Magnetic Dimensions

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) |
|------------------------|-----------------|----------------------|------------------------|
| 0.0906cm ² | 2.69cm | 0.273cm ² | 0.2437cm ³ |
| 0.01403in ² | 1.08in | 53,800cmil | 0.01515in ³ |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|----------|--------------|---------|----------|----------|--------------|--------|
| No. | Dia.(cm) | Turns | Rdc, Ω | No. | Dia.(cm) | Turns | Rdc, Ω |
| 16 | 0.137 | 9 | 0.00299 | 25 | 0.0505 | 29 | 0.0566 |
| 17 | 0.122 | 11 | 0.00412 | 26 | 0.0452 | 33 | 0.0792 |
| 18 | 0.109 | 12 | 0.00572 | 27 | 0.0409 | 37 | 0.109 |
| 19 | 0.0980 | 14 | 0.00792 | 28 | 0.0366 | 42 | 0.153 |
| 20 | 0.0879 | 16 | 0.0109 | 29 | 0.0330 | 46 | 0.209 |
| 21 | 0.0785 | 18 | 0.0152 | 30 | 0.0294 | 52 | 0.297 |
| 22 | 0.0701 | 21 | 0.0212 | 31 | 0.0267 | 58 | 0.410 |
| 23 | 0.0632 | 23 | 0.0292 | 32 | 0.0241 | 64 | 0.556 |
| 24 | 0.0566 | 26 | 0.0406 | 33 | 0.0216 | 72 | 0.782 |

Single layer winding with 1 inch leads

Available Cores

| MPP | Part No. | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|-------------------------|-----------|
| | High Flux | Sendust | | |
| CM112026 | CH112026 | - | 11 | 26 |
| CM112060 | CH112060 | CS112060 | 26 | 60 |
| - | - | CS112075 | 32 | 75 |
| - | - | CS112090 | 38 | 90 |
| CM112125 | CH112125 | CS112125 | 53 | 125 |
| CM112147 | CH112147 | - | 63 | 147 |
| CM112160 | CH112160 | - | 68 | 160 |
| CM112173 | - | - | 74 | 173 |
| CM112200 | - | - | 85 | 200 |

AL vs NI Curve (60μ, 125μ)

