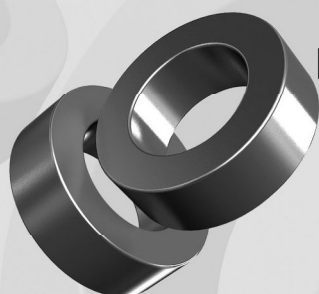


OD035

OD 3.56mm / 0.140inch



ID 1.78mm
HT 1.52mm

Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-------------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 3.56 | 1.78 | 1.52 |
| | (inch) | 0.140 | 0.070 | 0.060 |
| After coating (parlyene-C) | (mm) | 3.76 | 1.58 | 1.72 |
| | (inch) | 0.148 | 0.062 | 0.068 |

Magnetic Dimensions

| Cross Section (A) | Path Length (L) | Window Area (Wa) | Volume (V) |
|-----------------------|--------------------|----------------------|-------------------------|
| 0.0137cm ² | 0.817cm | 0.018cm ² | 0.010746cm ³ |
| 0.002in ² | 0.317in | 3,600cmil | 0.000656in ³ |

Available Cores

| MPP | Part No. | | | AL (mH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|----------------------------|--------------|
| | High Flux | Sendust | Mega Flux® | | |
| - | - | - | - | - | 26 |
| CM035060 | CH035060 | CS035060 | CK035060 | 13 | 60 |
| - | - | CS035075 | CK035075 | 16 | 75 |
| - | - | CS035090 | CK035090 | 19 | 90 |
| CM035125 | CH035125 | CS035125 | - | 26 | 125 |
| CM035147 | - | - | - | 31 | 147 |
| CM035160 | - | - | - | 33 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire No. | Single Layer Dia(cm) | Turn | Rdc,Ω | AWG Wire No. | Single Layer Dia(cm) | Turn | Rdc,Ω |
|-----------------|-------------------------|------|--------|-----------------|-------------------------|------|-------|
| | | | | | | | |
| 29 | 0.0330 | 10 | 0.0314 | 38 | 0.0124 | 30 | 0.503 |
| 30 | 0.0294 | 11 | 0.0431 | 39 | 0.0199 | 35 | 0.727 |
| 31 | 0.0267 | 13 | 0.0581 | 40 | 0.0096 | 40 | 1.02 |
| 32 | 0.0241 | 14 | 0.0768 | 41 | 0.00863 | 44 | 1.37 |
| 33 | 0.0216 | 16 | 0.105 | 42 | 0.00762 | 50 | 1.90 |
| 34 | 0.0191 | 19 | 0.146 | 43 | 0.00685 | 56 | 2.67 |
| 35 | 0.0170 | 21 | 0.200 | 44 | 0.00635 | 60 | 3.45 |
| 36 | 0.0152 | 24 | 0.272 | | | | |

Single layer winding with 1 inch leads

AL vs NI Curve (125μ)

