

OD 234

OD 23.57mm / 0.928inch

ID 14.40mm
HT 8.89mm



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 23.57 | 14.40 | 8.89 |
| | (inch) | 0.928 | 0.567 | 0.350 |
| After coating (Epoxy) | (mm) | 24.30 | 13.77 | 9.70 |
| | (inch) | 0.956 | 0.542 | 0.382 |

Magnetic Dimensions

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) |
|----------------------|-----------------|---------------------|-----------------------|
| 0.388cm ² | 5.88cm | 1.49cm ² | 2.2814cm ³ |
| 0.061in ² | 2.32in | 293,800cmil | 0.1415in ³ |

Available Cores

| Part No. | | | | AL | Perm. |
|----------|-----------|----------|-----------|----------------------|-------|
| MPP | High Flux | Sendust | Mega Flux | (nH/N ²) | (μ) |
| CM234026 | CH234026 | CS234026 | CK234026 | 22 | 26 |
| CM234060 | CH234060 | CS234060 | CK234060 | 51 | 60 |
| - | - | CS234075 | CK234075 | 63 | 75 |
| - | - | CS234090 | CK234090 | 76 | 90 |
| CM234125 | CH234125 | CS234125 | - | 105 | 125 |
| CM234147 | CH234147 | - | - | 124 | 147 |
| CM234160 | CH234160 | - | - | 135 | 160 |
| CM234173 | - | - | - | 146 | 173 |
| CM234200 | - | - | - | 169 | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|----------|--------------|---------|----------|----------|--------------|--------|
| No. | Dia.(cm) | Turns | Rdc,Ω | No. | Dia.(cm) | Turns | Rdc,Ω |
| 12 | 0.213 | 15 | 0.00307 | 21 | 0.0785 | 46 | 0.0620 |
| 13 | 0.190 | 17 | 0.00429 | 22 | 0.0701 | 52 | 0.0874 |
| 14 | 0.171 | 20 | 0.00595 | 23 | 0.0632 | 58 | 0.1210 |
| 15 | 0.153 | 22 | 0.00832 | 24 | 0.0566 | 65 | 0.170 |
| 16 | 0.137 | 25 | 0.0116 | 25 | 0.0505 | 73 | 0.238 |
| 17 | 0.122 | 29 | 0.0162 | 26 | 0.0452 | 81 | 0.336 |
| 18 | 0.109 | 32 | 0.0227 | 27 | 0.0409 | 91 | 0.465 |
| 19 | 0.0980 | 36 | 0.0318 | 28 | 0.0366 | 101 | 0.657 |
| 20 | 0.0879 | 41 | 0.0443 | 29 | 0.0330 | 112 | 0.901 |

Single layer winding with 1 inch leads

AL vs NI Curve (60μ, 125μ)

