

OD035

OD 3.56mm / 0.140inch



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 (Epoxy) | (mm) | 3.94 | 1.52 | 1.96 |
| | (inch) | 0.155 | 0.060 | 0.077 |

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

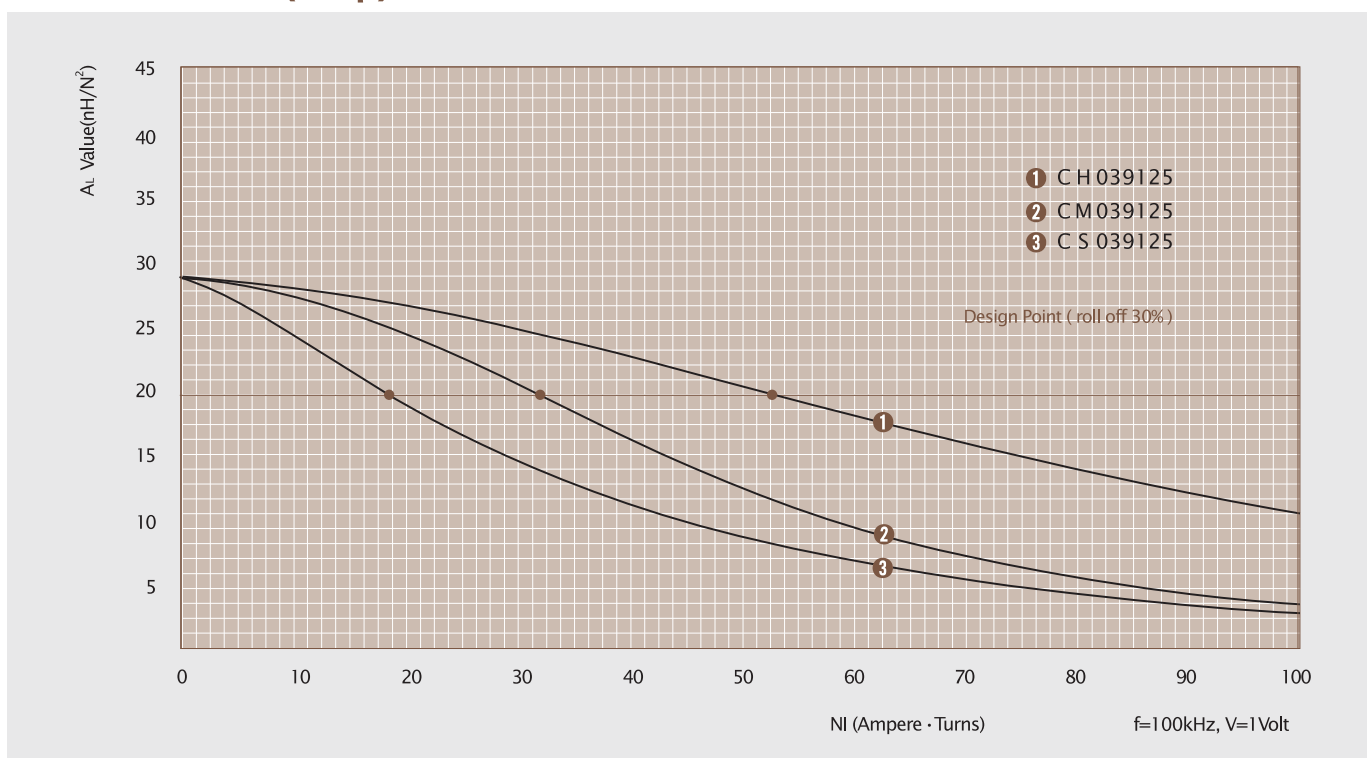
| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| - | - | - | - | - | 26 |
| CM035060 | CH035060 | CS035060 | CK035060 | 13 | 60 |
| - | - | CS035075 | CK035075 | 16 | 75 |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

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|--------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 28 | 0.0366 | 9 | 0.0237 | 37 | 0.0140 | 27 | 0.363 |
| 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

■ A_L vs NI Curve(125μ)



OD039

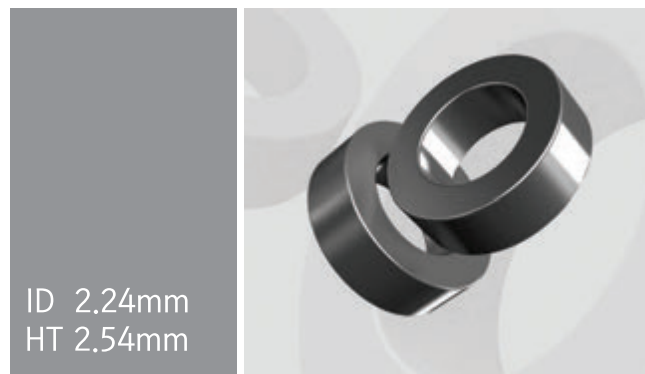
OD 3.94mm / 0.155inch

Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 3.94 | 2.24 | 2.54 |
| | (inch) | 0.155 | 0.088 | 0.100 |
| After coating (Epoxy) | (mm) | 4.41 | 1.98 | 2.97 |
| | (inch) | 0.174 | 0.078 | 0.117 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|-------------------------|--------------------|-----------------------|-------------------------|
| 0.0211cm ² | 0.942cm | 0.0308cm ² | 0.019670cm ³ |
| 0.003245in ² | 0.370inch | 6,080cmil | 0.001200in ³ |



Winding Information

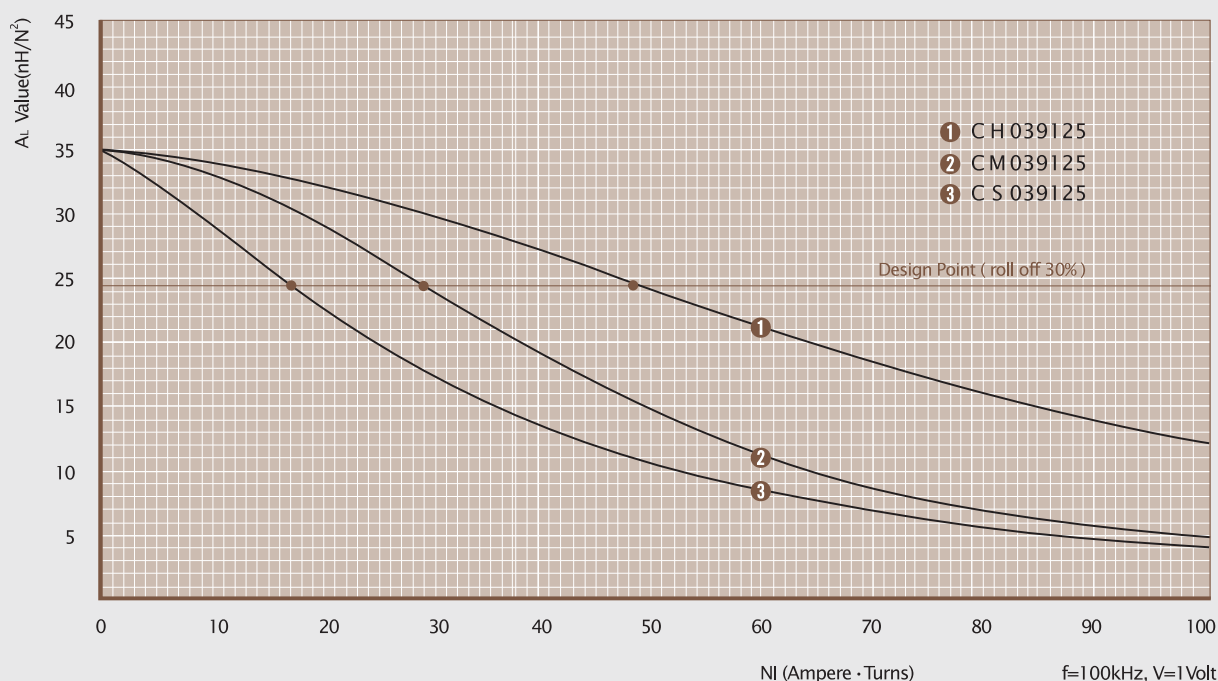
| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 27 0.0409 | 11 0.0248 | 36 0.0152 | 33 0.430 |
| 28 0.0366 | 12 0.0342 | 37 0.0140 | 36 0.579 |
| 29 0.0330 | 14 0.0458 | 38 0.0124 | 41 0.807 |
| 30 0.0294 | 16 0.0638 | 39 0.0109 | 47 1.18 |
| 31 0.0267 | 18 0.0869 | 40 0.0096 | 53 1.67 |
| 32 0.0241 | 20 0.116 | 41 0.00863 | 59 2.25 |
| 33 0.0216 | 23 0.161 | 42 0.00762 | 67 3.15 |
| 34 0.0191 | 26 0.226 | 43 0.00685 | 74 4.45 |
| 35 0.0170 | 29 0.313 | 44 0.00635 | 80 5.76 |

Single layer winding with 1 inch leads

Available Cores

| Part No. | | | | AL | Perm. |
|----------|-----------|----------|------------|----------------------|-------|
| MPP | High Flux | Sendust | Mega Flux® | (nH/N ²) | (μ) |
| - | - | - | - | - | 26 |
| CM039060 | CH039060 | CS039060 | CK039060 | 17 | 60 |
| - | - | CS039075 | CK039075 | 21 | 75 |
| - | - | CS039090 | CK039090 | 25 | 90 |
| CM039125 | CH039125 | CS039125 | - | 35 | 125 |
| CM039147 | - | - | - | 41 | 147 |
| CM039160 | - | - | - | 45 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

■ AL vs NI Curve(125μ)



OD046

OD 4.65mm / 0.183inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 4.65 | 2.36 | 2.54 |
| | (inch) | 0.183 | 0.093 | 0.100 |
| After coating (Epoxy) | (mm) | 5.21 | 1.93 | 3.30 |
| | (inch) | 0.205 | 0.076 | 0.130 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|------------------------|-----------------|----------------------|-------------------------|
| 0.0285cm ² | 1.060cm | 0.029cm ² | 0.0302cm ³ |
| 0.00442in ² | 0.418in | 5,780cmil | 0.001837in ³ |

Available Cores

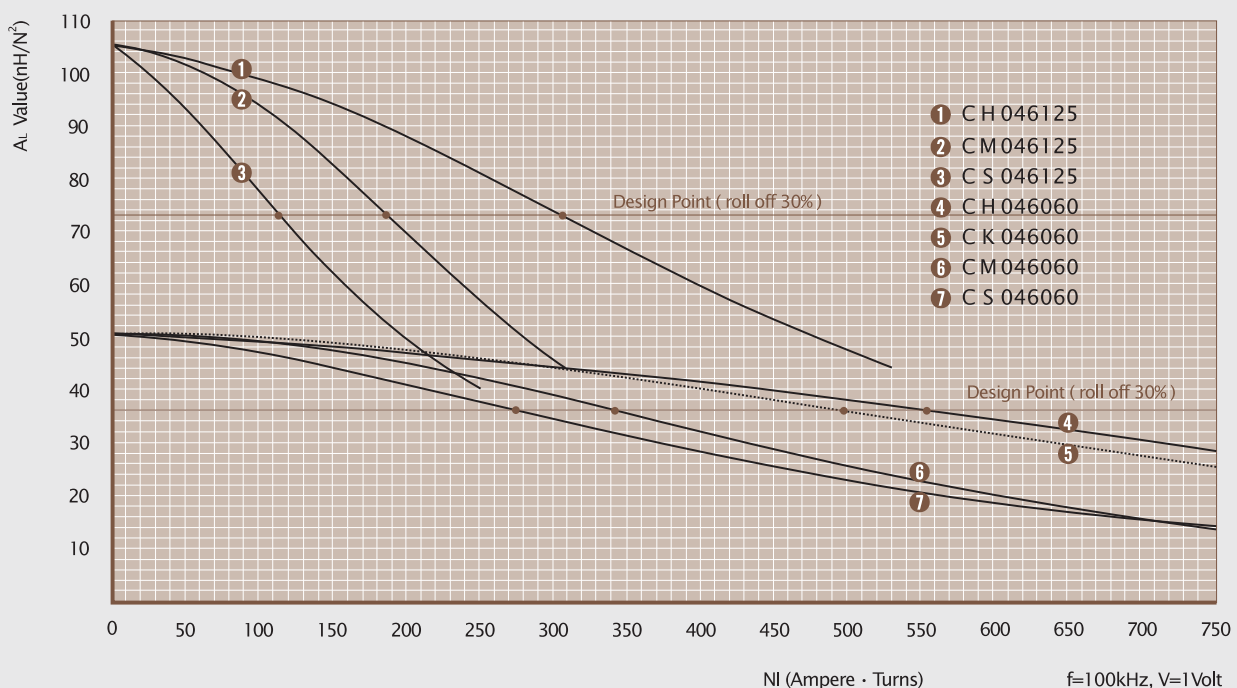
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| - | - | - | - | - | 26 |
| CM046060 | CH046060 | CS046060 | CK046060 | 20 | 60 |
| - | - | CS046075 | CK046075 | 25 | 75 |
| - | - | CS046090 | CK046090 | 30 | 90 |
| CM046125 | CH046125 | CS046125 | - | 42 | 125 |
| CM046147 | - | - | - | 49 | 147 |
| CM046160 | - | - | - | 53 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|--------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 26 | 0.0452 | 9 | 0.0205 | 35 | 0.0170 | 28 | 0.371 |
| 27 | 0.0409 | 10 | 0.0280 | 36 | 0.0152 | 31 | 0.511 |
| 28 | 0.0366 | 12 | 0.0388 | 37 | 0.0140 | 35 | 0.691 |
| 29 | 0.0330 | 13 | 0.0524 | 38 | 0.0124 | 39 | 0.968 |
| 30 | 0.0294 | 15 | 0.0734 | 39 | 0.0109 | 45 | 1.42 |
| 31 | 0.0267 | 17 | 0.101 | 40 | 0.0096 | 51 | 2.02 |
| 32 | 0.0241 | 19 | 0.135 | 41 | 0.00863 | 57 | 2.73 |
| 33 | 0.0216 | 22 | 0.188 | 42 | 0.00762 | 64 | 3.83 |
| 34 | 0.0191 | 25 | 0.266 | 43 | 0.00685 | 71 | 5.42 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD063

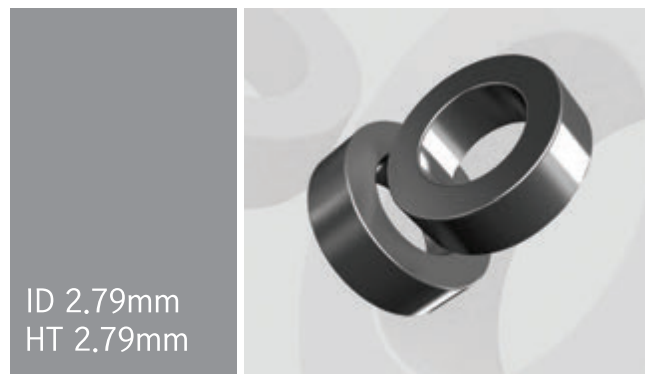
OD 6.35mm / 0.250inch

Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 6.35 | 2.79 | 2.79 |
| | (inch) | 0.250 | 0.110 | 0.110 |
| After coating (Epoxy) | (mm) | 6.99 | 2.29 | 3.43 |
| | (inch) | 0.275 | 0.090 | 0.135 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W _a) | Volume (V) |
|------------------------|--------------------|----------------------------------|-------------------------|
| 0.0470cm ² | 1.361cm | 0.0412cm ² | 0.064219cm ³ |
| 0.00729in ² | 0.536inch | 8,100cmil | 0.003919in ³ |



Winding Information

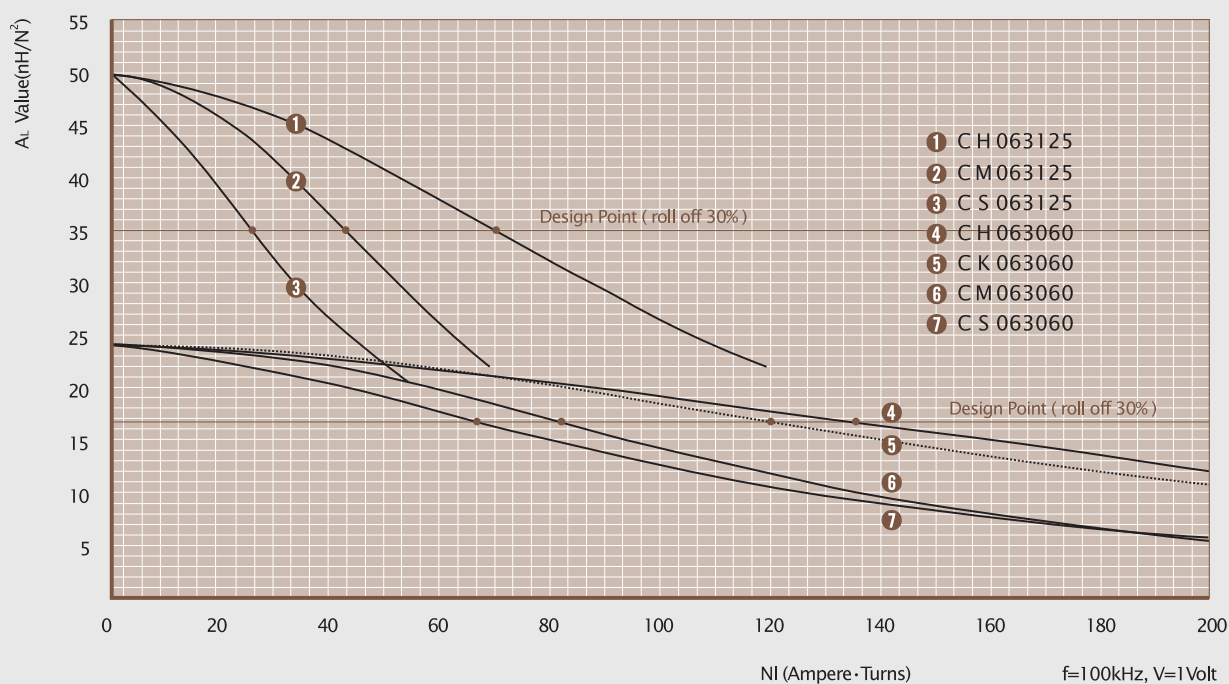
| AWG Wire No. Dia(cm) | Single Layer | | AWG Wire No. Dia(cm) | Single Layer | |
|-------------------------|--------------|--------|-------------------------|--------------|--------|
| | Turn | Rdc, Ω | | Turn | Rdc, Ω |
| 24 0.0566 | 8 | 0.0132 | 33 0.0216 | 26 | 0.238 |
| 25 0.0505 | 10 | 0.0183 | 34 0.0191 | 30 | 0.337 |
| 26 0.0452 | 11 | 0.0253 | 35 0.0170 | 34 | 0.470 |
| 27 0.0409 | 13 | 0.0346 | 36 0.0152 | 38 | 0.650 |
| 28 0.0366 | 14 | 0.0482 | 37 0.0140 | 42 | 0.880 |
| 29 0.0330 | 16 | 0.0653 | 38 0.0124 | 47 | 1.24 |
| 30 0.0294 | 19 | 0.0918 | 39 0.0109 | 54 | 1.82 |
| 31 0.0267 | 21 | 0.126 | 40 0.0096 | 61 | 2.59 |
| 32 0.0241 | 23 | 0.170 | 41 0.00863 | 68 | 3.50 |

Single layer winding with 1 inch leads

Available Cores

| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| - | - | - | - | - | 26 |
| CM063060 | CH063060 | CS063060 | CK063060 | 24 | 60 |
| - | - | CS063075 | CK063075 | 30 | 75 |
| - | - | CS063090 | CK063090 | 36 | 90 |
| CM063125 | CH063125 | CS063125 | - | 50 | 125 |
| CM063147 | CH063147 | - | - | 59 | 147 |
| CM063160 | CH063160 | - | - | 64 | 160 |
| CM063173 | - | - | - | 69 | 173 |
| CM063200 | - | - | - | 80 | 200 |

■ A_L vs NI Curve(60μ, 125μ)



OD066

OD 6.6mm / 0.260inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 6.6 | 2.67 | 2.54 |
| | (inch) | 0.260 | 0.105 | 0.100 |
| After coating (Epoxy) | (mm) | 7.24 | 2.29 | 3.18 |
| | (inch) | 0.285 | 0.090 | 0.125 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|------------------------|--------------------|-----------------------|-------------------------|
| 0.0476cm ² | 1.363cm | 0.0412cm ² | 0.063971m ³ |
| 0.00738in ² | 0.537in | 8,100cmil | 0.003904in ³ |

Available Cores

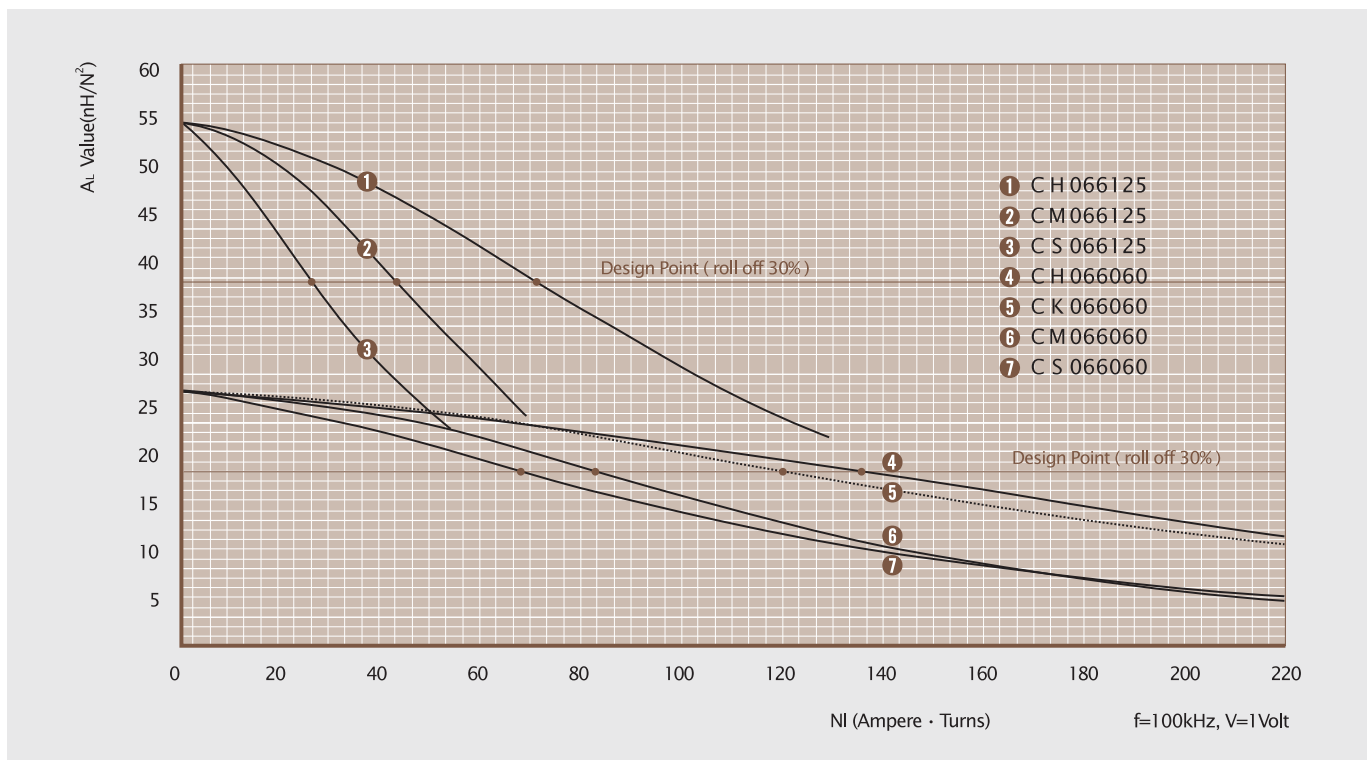
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM066026 | CH066026 | - | - | 11 | 26 |
| CM066060 | CH066060 | CS066060 | CK066060 | 26 | 60 |
| - | - | CS066075 | CK066075 | 32 | 75 |
| - | - | CS066090 | CK066090 | 39 | 90 |
| CM066125 | CH066125 | CS066125 | - | 54 | 125 |
| CM066147 | CH066147 | - | - | 64 | 147 |
| CM066160 | CH066160 | - | - | 69 | 160 |
| CM066173 | - | - | - | 75 | 173 |
| CM066200 | - | - | - | 86 | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|--------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 25 | 0.0505 | 10 | 0.0180 | 34 | 0.0191 | 30 | 0.330 |
| 26 | 0.0452 | 11 | 0.0249 | 35 | 0.0170 | 34 | 0.461 |
| 27 | 0.0409 | 13 | 0.0341 | 36 | 0.0152 | 38 | 0.637 |
| 28 | 0.0366 | 14 | 0.0474 | 37 | 0.0140 | 42 | 0.862 |
| 29 | 0.0330 | 16 | 0.0642 | 38 | 0.0124 | 47 | 1.21 |
| 30 | 0.0294 | 19 | 0.0902 | 39 | 0.0109 | 54 | 1.78 |
| 31 | 0.0267 | 21 | 0.124 | 40 | 0.0096 | 61 | 2.53 |
| 32 | 0.0241 | 23 | 0.167 | 41 | 0.00863 | 68 | 3.43 |
| 33 | 0.0216 | 26 | 0.233 | 42 | 0.00762 | 77 | 4.81 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD067

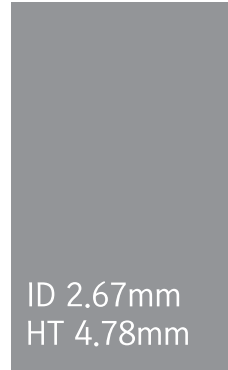
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 6.6 | 2.67 | 4.78 |
| | (inch) | 0.260 | 0.105 | 0.188 |
| After coating (Epoxy) | (mm) | 7.32 | 2.21 | 5.54 |
| | (inch) | 0.288 | 0.087 | 0.218 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|------------------------|-----------------|-----------------------|-------------------------|
| 0.0920cm ² | 1.363cm | 0.0384cm ² | 0.1254cm ³ |
| 0.01426in ² | 0.537inch | 7,570cmil | 0.007443in ³ |

OD 6.6mm / 0.260inch



Winding Information

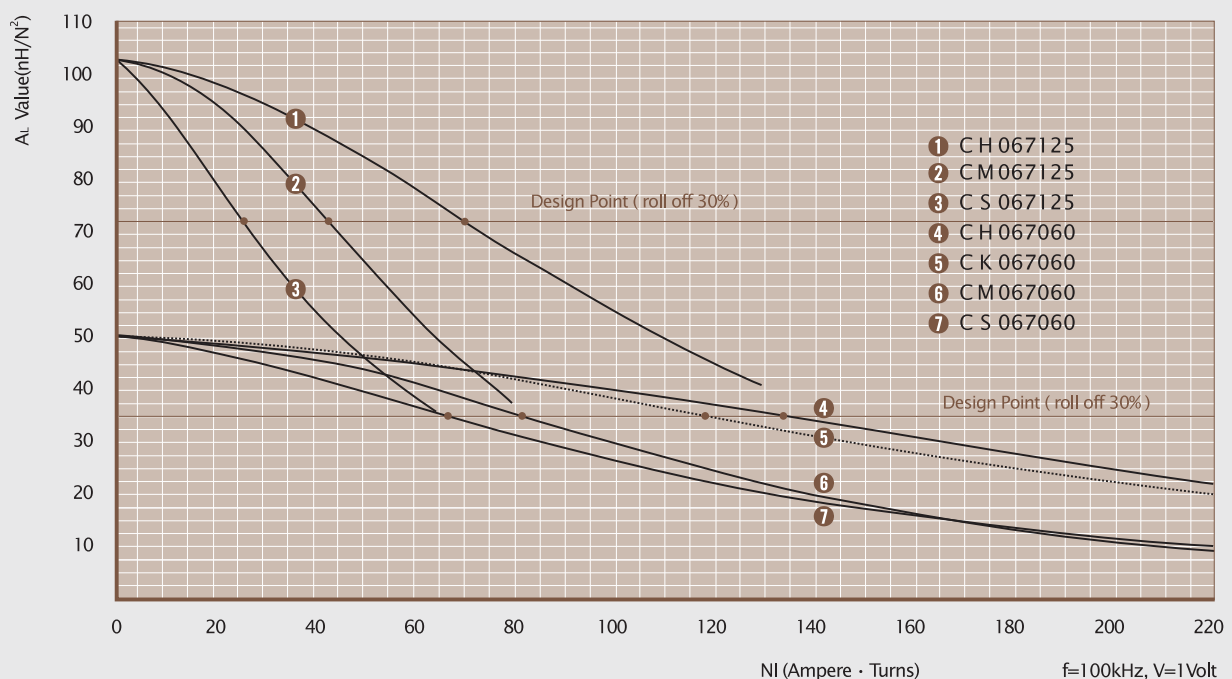
| AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω | AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω |
|--------------|---------|-------------------|--------|--------------|---------|-------------------|--------|
| 25 | 0.0505 | 9 | 0.0223 | 34 | 0.0191 | 29 | 0.440 |
| 26 | 0.0452 | 11 | 0.0312 | 35 | 0.0170 | 32 | 0.617 |
| 27 | 0.0409 | 12 | 0.0431 | 36 | 0.0152 | 36 | 0.857 |
| 28 | 0.0366 | 14 | 0.0605 | 37 | 0.0140 | 40 | 1.17 |
| 29 | 0.0330 | 16 | 0.0826 | 38 | 0.0124 | 45 | 1.64 |
| 30 | 0.0294 | 18 | 0.117 | 39 | 0.0109 | 52 | 2.42 |
| 31 | 0.0267 | 20 | 0.162 | 40 | 0.0096 | 59 | 3.46 |
| 32 | 0.0241 | 22 | 0.220 | 41 | 0.00863 | 66 | 4.70 |
| 33 | 0.0216 | 25 | 0.309 | 42 | 0.00762 | 74 | 6.62 |

Single layer winding with 1 inch leads

Available Cores

| Part No. | | | | AL | Perm. |
|----------|-----------|----------|------------|----------------------|-------|
| MPP | High Flux | Sendust | Mega Flux® | (nH/N ²) | (μ) |
| CM067026 | CH067026 | - | - | 21 | 26 |
| CM067060 | CH067060 | CS067060 | CK067060 | 50 | 60 |
| - | - | CS067075 | CK067075 | 62 | 75 |
| - | - | CS067090 | CK067090 | 74 | 90 |
| CM067125 | CH067125 | CS067125 | - | 103 | 125 |
| CM067147 | CH067147 | - | - | 122 | 147 |
| CM067160 | CH067160 | - | - | 132 | 160 |
| CM067173 | - | - | - | 144 | 173 |
| CM067200 | - | - | - | 165 | 200 |

■ AL vs NI Curve(60μ, 125μ)



OD068

OD 6.86mm / 0.270inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 6.86 | 3.96 | 5.08 |
| | (inch) | 0.270 | 0.156 | 0.200 |
| After coating (Epoxy) | (mm) | 7.62 | 3.45 | 5.72 |
| | (inch) | 0.300 | 0.136 | 0.225 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|------------------------|-----------------|-----------------------|-------------------------|
| 0.0725cm ² | 1.65cm | 0.0934cm ² | 0.126009m ³ |
| 0.01124in ² | 0.605in | 18,500cmil | 0.007693in ³ |

Available Cores

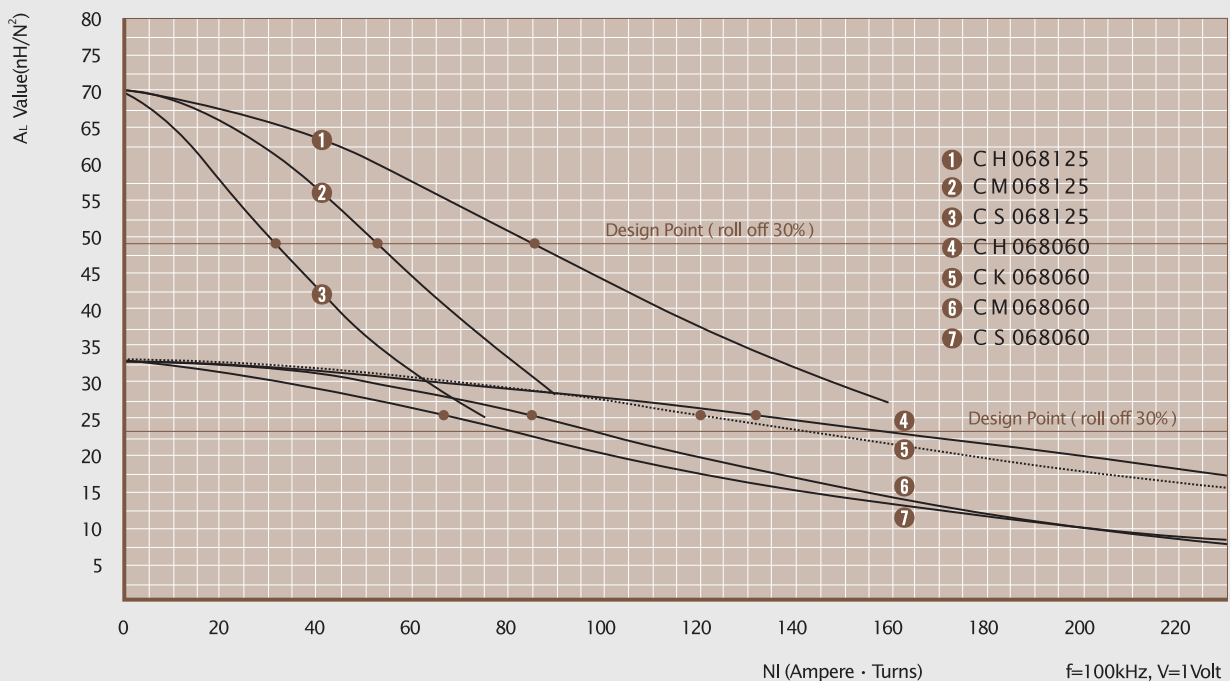
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM068026 | CH068026 | - | - | 14 | 26 |
| CM068060 | CH068060 | CS068060 | CK068060 | 33 | 60 |
| - | - | CS068075 | CK068075 | 42 | 75 |
| - | - | CS068090 | CK068090 | 50 | 90 |
| CM068125 | CH068125 | CS068125 | - | 70 | 125 |
| CM068147 | CH068147 | - | - | 81 | 147 |
| CM068160 | CH068160 | - | - | 89 | 160 |
| CM068173 | - | - | - | 95 | 173 |
| CM068200 | - | - | - | 112 | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 21 | 0.0785 | 9 | 0.00902 | 30 | 0.0294 | 29 | 0.177 |
| 22 | 0.0701 | 11 | 0.0126 | 31 | 0.0267 | 33 | 0.244 |
| 23 | 0.0632 | 12 | 0.0174 | 32 | 0.0241 | 36 | 0.331 |
| 24 | 0.0566 | 14 | 0.0242 | 33 | 0.0216 | 41 | 0.466 |
| 25 | 0.0505 | 16 | 0.0338 | 34 | 0.0191 | 46 | 0.664 |
| 26 | 0.0452 | 18 | 0.0472 | 35 | 0.0170 | 52 | 0.932 |
| 27 | 0.0409 | 21 | 0.0651 | 36 | 0.0152 | 58 | 1.29 |
| 28 | 0.0366 | 23 | 0.0915 | 37 | 0.0140 | 65 | 1.76 |
| 29 | 0.0330 | 26 | 0.125 | 38 | 0.0124 | 73 | 2.48 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD078

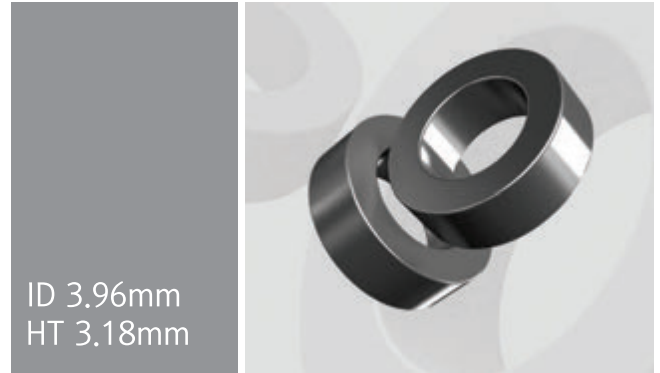
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 7.87 | 3.96 | 3.18 |
| | (inch) | 0.310 | 0.156 | 0.125 |
| After coating (Epoxy) | (mm) | 8.51 | 3.43 | 3.81 |
| | (inch) | 0.335 | 0.135 | 0.150 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|------------------------|---------------------------|--------------------------|-----------------------|
| 0.0615cm ² | 1.787cm | 0.0922cm ² | 0.1099cm ³ |
| 0.00953in ² | 0.704inch | 18,200cmil | 0.0067in ³ |

OD 7.87mm / 0.310inch



Winding Information

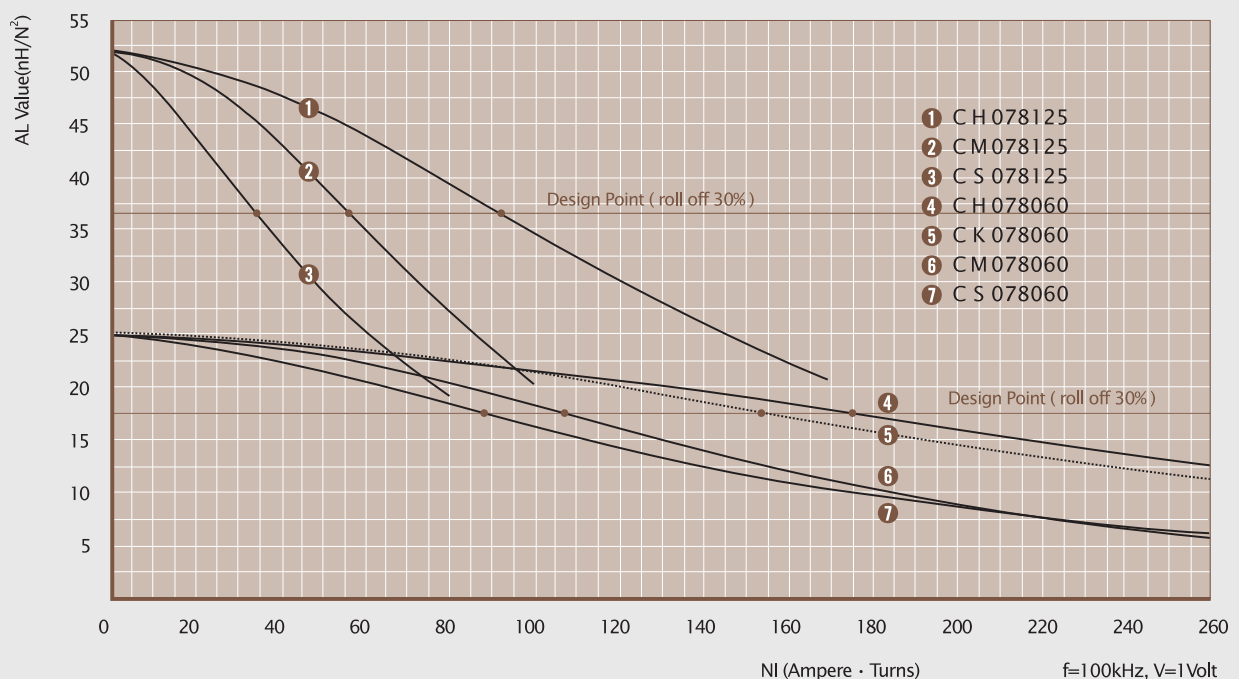
| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|------------------------------------|-------------------------|------------------------------------|
| 21 0.0785 | 9 0.0078 | 30 0.0294 | 29 0.146 |
| 22 0.0701 | 11 0.0108 | 31 0.0267 | 33 0.201 |
| 23 0.0632 | 12 0.0148 | 32 0.0241 | 36 0.272 |
| 24 0.0566 | 14 0.0206 | 33 0.0216 | 41 0.382 |
| 25 0.0505 | 16 0.0285 | 34 0.0191 | 46 0.543 |
| 26 0.0452 | 18 0.0397 | 35 0.0170 | 52 0.760 |
| 27 0.0409 | 20 0.0545 | 36 0.0152 | 58 1.05 |
| 28 0.0366 | 23 0.0762 | 37 0.0140 | 64 1.43 |
| 29 0.0330 | 26 0.104 | 38 0.0124 | 72 2.01 |

Single layer winding with 1 inch leads

Available Cores

| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM078026 | CH078026 | — | — | 11 | 26 |
| CM078060 | CH078060 | CS078060 | CK078060 | 25 | 60 |
| — | — | CS078075 | CK078075 | 31 | 75 |
| — | — | CS078090 | CK078090 | 37 | 90 |
| CM078125 | CH078125 | CS078125 | — | 52 | 125 |
| CM078147 | CH078147 | — | — | 62 | 147 |
| CM078160 | CH078160 | — | — | 66 | 160 |
| CM078173 | — | — | — | 73 | 173 |
| CM078200 | — | — | — | 83 | 200 |

■ AL vs NI Curve(60 μ , 125 μ)



OD096

OD 9.65mm / 0.380inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 9.65 | 4.78 | 3.18 |
| | (inch) | 0.380 | 0.188 | 0.125 |
| After coating (Epoxy) | (mm) | 10.29 | 4.27 | 3.81 |
| | (inch) | 0.405 | 0.168 | 0.150 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|------------------------|-----------------|-----------------------|-----------------------|
| 0.0725cm ² | 2.18cm | 0.1429cm ² | 0.1639m ³ |
| 0.01166in ² | 0.859in | 128,200cmil | 0.0100in ³ |

Available Cores

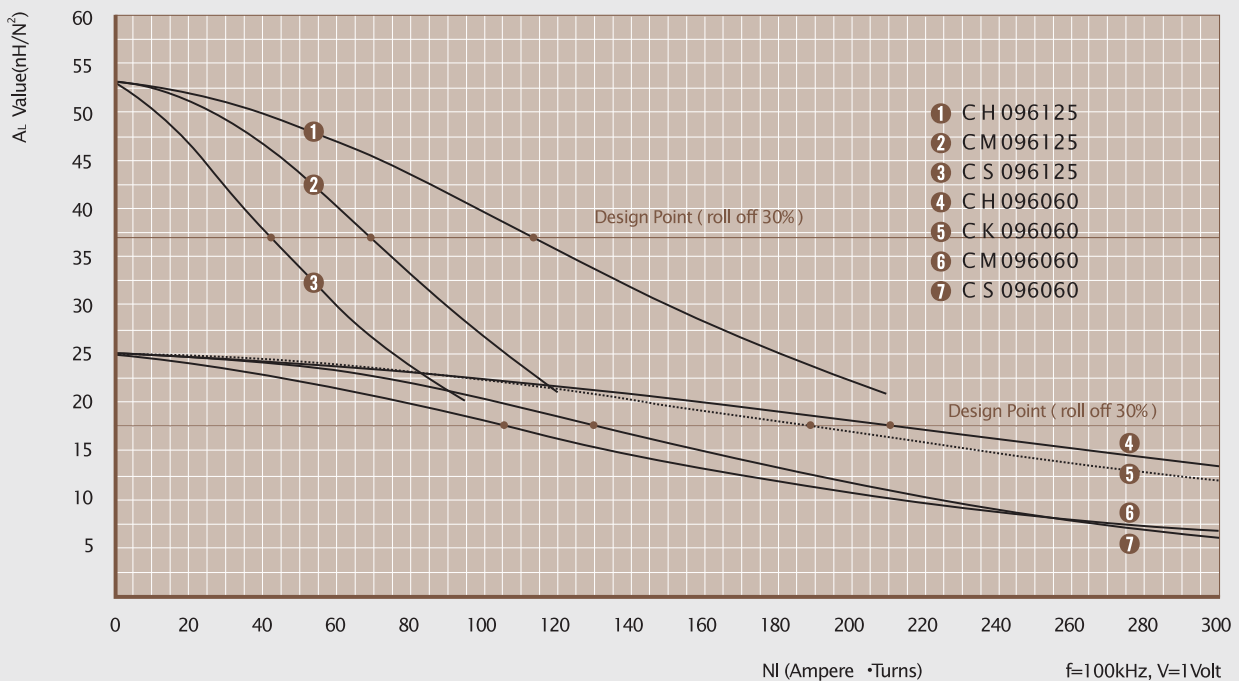
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM096026 | CH096026 | - | - | 11 | 26 |
| CM096060 | CH096060 | CS096060 | CK096060 | 25 | 60 |
| - | - | CS096075 | CK096075 | 32 | 75 |
| - | - | CS096090 | CK096090 | 38 | 90 |
| CM096125 | CH096125 | CS096125 | - | 53 | 125 |
| CM096147 | CH096147 | - | - | 63 | 147 |
| CM096160 | CH096160 | - | - | 68 | 160 |
| CM096173 | - | - | - | 74 | 173 |
| CM096200 | - | - | - | 84 | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|--------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 19 | 0.0980 | 9 | 0.0053 | 28 | 0.0366 | 29 | 0.100 |
| 20 | 0.0879 | 11 | 0.0073 | 29 | 0.0330 | 33 | 0.136 |
| 21 | 0.0785 | 12 | 0.0101 | 30 | 0.0294 | 37 | 0.193 |
| 22 | 0.0701 | 14 | 0.0141 | 31 | 0.0267 | 41 | 0.266 |
| 23 | 0.0632 | 16 | 0.0193 | 32 | 0.0241 | 46 | 0.360 |
| 24 | 0.0566 | 18 | 0.0268 | 33 | 0.0216 | 51 | 0.505 |
| 25 | 0.0505 | 21 | 0.0372 | 34 | 0.0191 | 58 | 0.719 |
| 26 | 0.0452 | 23 | 0.0519 | 35 | 0.0170 | 65 | 1.01 |
| 27 | 0.0409 | 26 | 0.0714 | 36 | 0.0152 | 73 | 1.40 |

Single layer winding with 1 inch leads

■ AL vs NI Curve(60μ, 125μ)



OD097

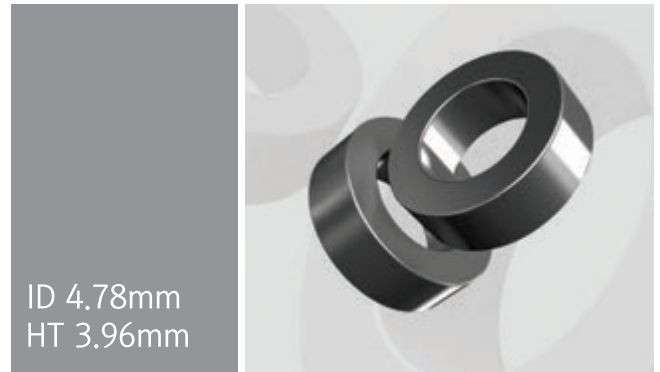
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 9.65 | 4.78 | 3.96 |
| | (inch) | 0.380 | 0.188 | 0.156 |
| After coating (Epoxy) | (mm) | 10.29 | 4.27 | 4.57 |
| | (inch) | 0.405 | 0.168 | 0.180 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|------------------------|---------------------------|--------------------------|------------------------|
| 0.0945cm ² | 2.18cm | 0.1429cm ² | 0.2060cm ³ |
| 0.01465in ² | 0.859inch | 28,200cmil | 0.01258in ³ |

OD 9.65mm / 0.380inch



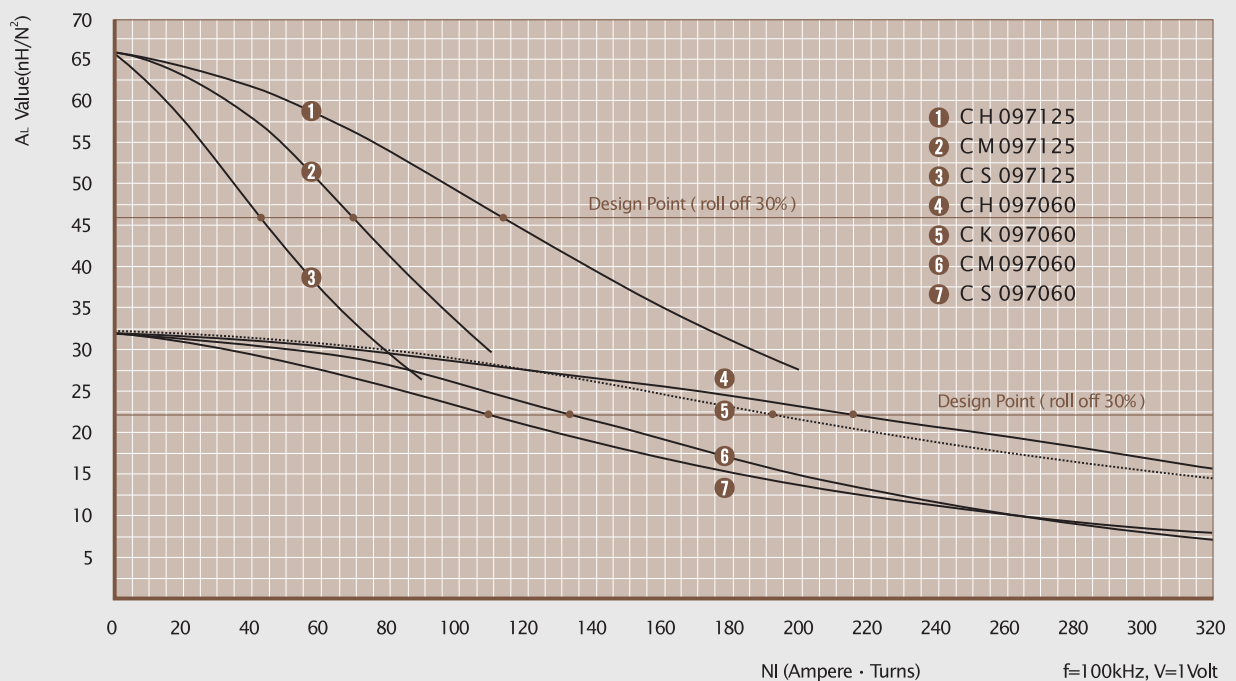
Winding Information

| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|------------------------------------|-------------------------|------------------------------------|
| 19 0.0980 | 9 0.00567 | 28 0.0366 | 29 0.110 |
| 20 0.0879 | 11 0.00783 | 29 0.0330 | 33 0.150 |
| 21 0.0785 | 12 0.0109 | 30 0.0294 | 37 0.212 |
| 22 0.0701 | 14 0.0152 | 31 0.0267 | 41 0.293 |
| 23 0.0632 | 16 0.0209 | 32 0.0241 | 46 0.397 |
| 24 0.0566 | 18 0.0291 | 33 0.0216 | 51 0.558 |
| 25 0.0505 | 21 0.0405 | 34 0.0191 | 58 0.795 |
| 26 0.0452 | 23 0.0567 | 35 0.0170 | 65 1.12 |
| 27 0.0409 | 26 0.0782 | 36 0.0152 | 73 1.55 |

Single layer winding with 1 inch leads

Available Cores

| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM097026 | CH097026 | - | - | 14 | 26 |
| CM097060 | CH097060 | CS097060 | CK097060 | 32 | 60 |
| - | - | CS097075 | CK097075 | 40 | 75 |
| - | - | CS097090 | CK097090 | 48 | 90 |
| CM097125 | CH097125 | CS097125 | - | 66 | 125 |
| CM097147 | CH097147 | - | - | 78 | 147 |
| CM097160 | CH097160 | - | - | 84 | 160 |
| CM097173 | - | - | - | 92 | 173 |
| CM097200 | - | - | - | 105 | 200 |

■ AL vs NI Curve(60 μ , 125 μ)

OD102

OD 10.16mm / 0.400inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 10.16 | 5.08 | 3.96 |
| | (inch) | 0.400 | 0.200 | 0.156 |
| After coating (Epoxy) | (mm) | 10.80 | 4.57 | 4.57 |
| | (inch) | 0.425 | 0.180 | 0.180 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W _a) | Volume (V) |
|------------------------|--------------------|----------------------------------|-----------------------|
| 0.1000cm ² | 2.38cm | 0.164cm ² | 0.2380cm ³ |
| 0.01550in ² | 0.906in | 32,400cmil | 0.0140in ³ |

Available Cores

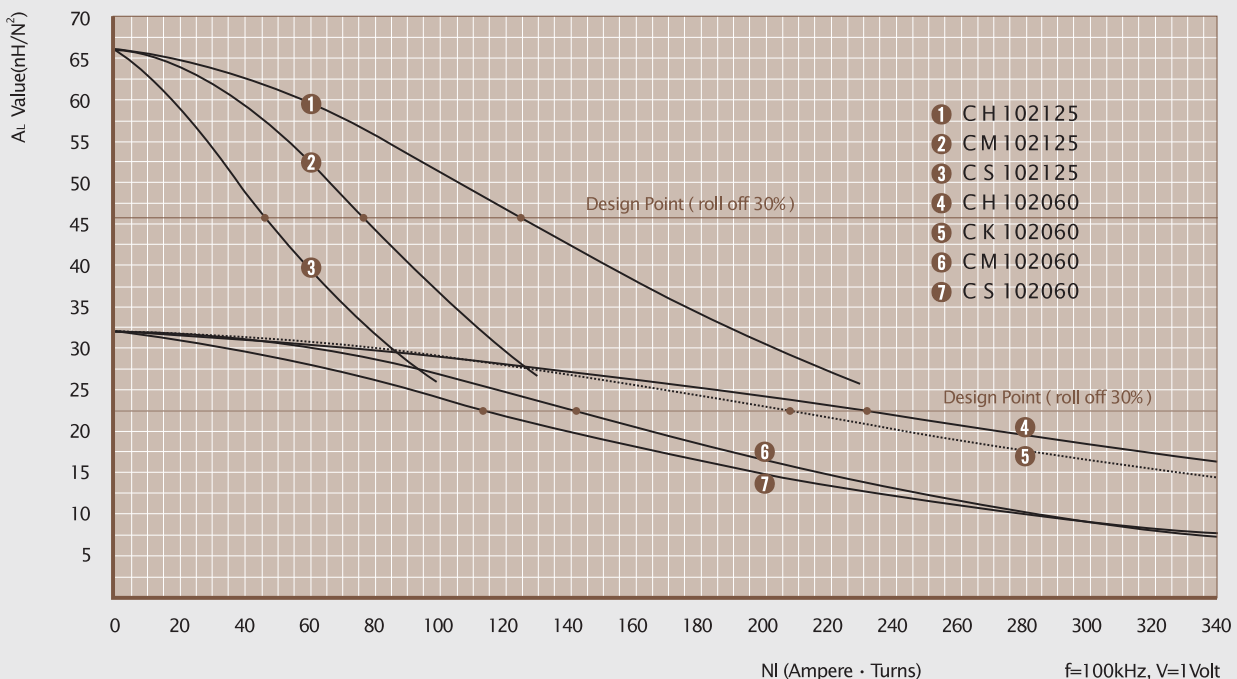
| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM102026 | CH102026 | - | - | 14 | 26 |
| CM102060 | CH102060 | CS102060 | CK102060 | 32 | 60 |
| - | - | CS102075 | CK102075 | 40 | 75 |
| - | - | CS102090 | CK102090 | 48 | 90 |
| CM102125 | CH102125 | CS102125 | - | 66 | 125 |
| CM102147 | CH102147 | - | - | 78 | 147 |
| CM102160 | CH102160 | - | - | 84 | 160 |
| CM102173 | - | - | - | 92 | 173 |
| CM102200 | - | - | - | 105 | 200 |

Winding Information

| AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | | AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | |
|-------------------------|--------|-----------------------------|---------|-------------------------|--------|-----------------------------|--------|
| 18 | 0.109 | 9 | 0.00442 | 27 | 0.0409 | 28 | 0.0846 |
| 19 | 0.0980 | 10 | 0.00613 | 28 | 0.0366 | 32 | 0.119 |
| 20 | 0.0879 | 12 | 0.00847 | 29 | 0.0330 | 35 | 0.162 |
| 21 | 0.0785 | 13 | 0.0118 | 30 | 0.0294 | 40 | 0.230 |
| 22 | 0.0701 | 15 | 0.0164 | 31 | 0.0267 | 44 | 0.317 |
| 23 | 0.0632 | 17 | 0.0226 | 32 | 0.0241 | 49 | 0.430 |
| 24 | 0.0566 | 20 | 0.0315 | 33 | 0.0216 | 55 | 0.605 |
| 25 | 0.0505 | 22 | 0.0439 | 34 | 0.0191 | 62 | 0.862 |
| 26 | 0.0452 | 25 | 0.0614 | 35 | 0.0170 | 70 | 1.21 |

Single layer winding with 1 inch leads

■ A_L vs NI Curve(60μ, 125μ)



OD112

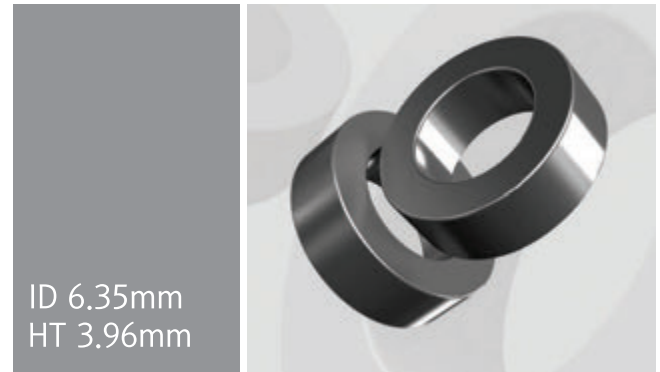
Core Dimensions

| | | 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 (W _a) | Volume (V) |
|------------------------|-----------------|-------------------------------|------------------------|
| 0.0906cm ² | 2.69cm | 0.273cm ² | 0.2437cm ³ |
| 0.01403in ² | 1.08in | 53,800cmil | 0.01515in ³ |

OD 11.18mm / 0.440inch



Winding Information

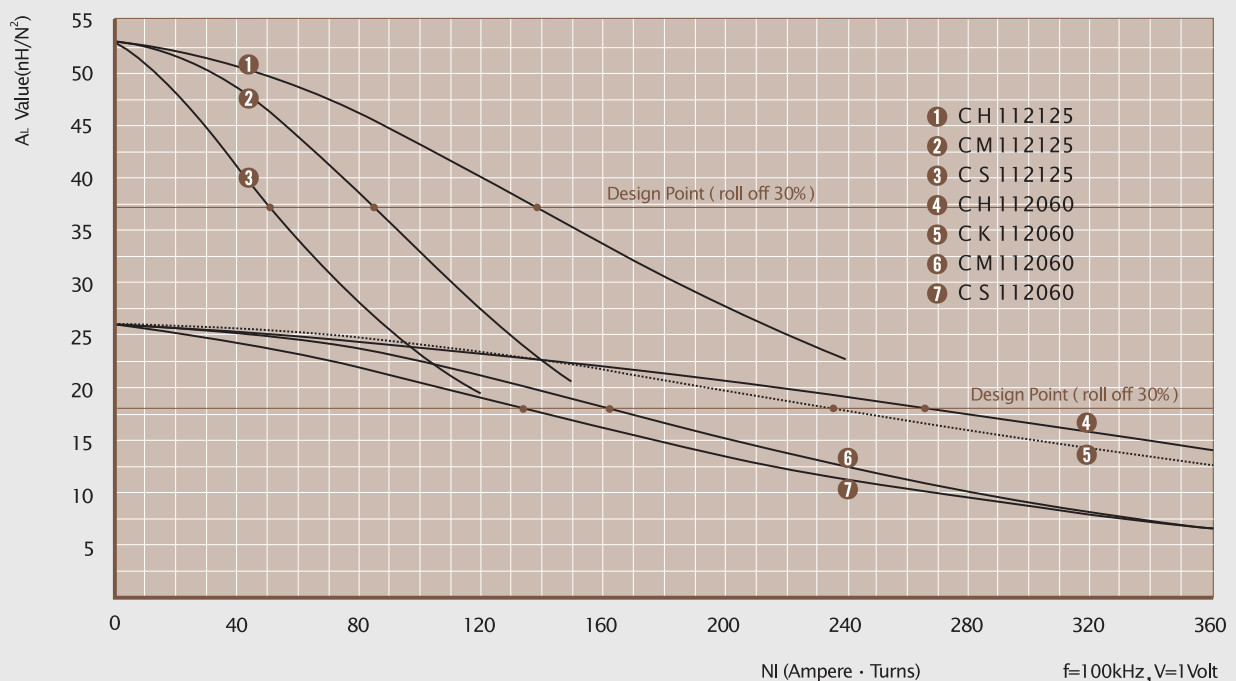
| AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω | AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω |
|--------------|---------|-------------------|---------|--------------|---------|-------------------|--------|
| 16 | 0.137 | 9 | 0.00299 | 25 | 0.0505 | 29 | 0.0566 |
| 17 | 0.122 | 11 | 0.00412 | 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

| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM112026 | CH112026 | CS112026 | CK112026 | 11 | 26 |
| CM112060 | CH112060 | CS112060 | CK112060 | 26 | 60 |
| - | - | CS112075 | CK112075 | 32 | 75 |
| - | - | CS112090 | CK112090 | 38 | 90 |
| CM112125 | CH112125 | CS112125 | - | 53 | 125 |
| CM112147 | CH112147 | - | - | 63 | 147 |
| CM112160 | CH112160 | - | - | 68 | 160 |
| CM112173 | - | - | - | 74 | 173 |
| CM112200 | - | - | - | 85 | 200 |

■ A_L vs NI Curve(60μ, 125μ)



OD127

OD 12.70mm / 0.500inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 12.70 | 7.62 | 4.75 |
| | (inch) | 0.500 | 0.300 | 0.187 |
| After coating (Epoxy) | (mm) | 13.46 | 6.99 | 5.51 |
| | (inch) | 0.530 | 0.275 | 0.217 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|------------------------|--------------------|----------------------|-------------------------|
| 0.114cm ² | 3.12cm | 0.383cm ² | 0.35568cm ³ |
| 0.01767in ² | 1.229in | 75,600cmil | 0.002172in ³ |

Available Cores

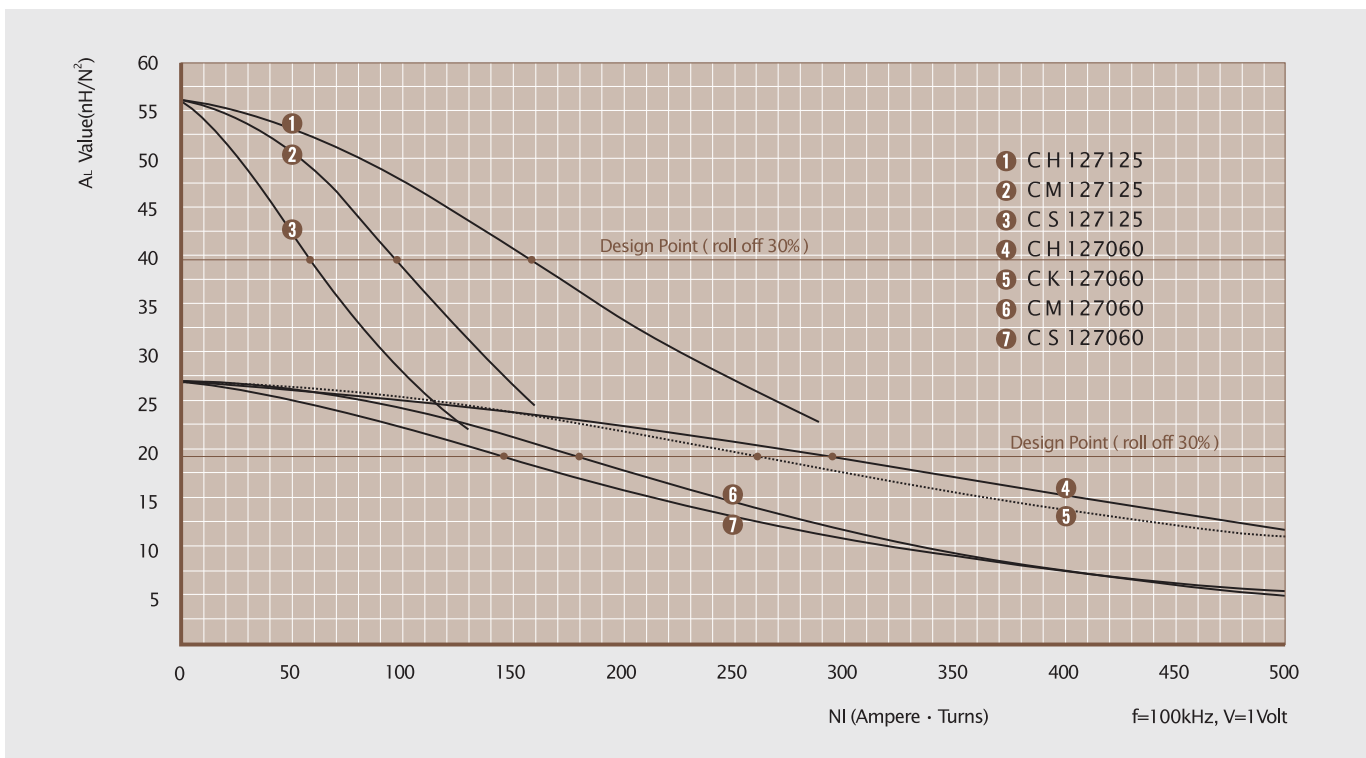
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM127026 | CH127026 | CS127026 | CK127026 | 12 | 26 |
| CM127060 | CH127060 | CS127060 | CK127060 | 27 | 60 |
| - | - | CS127075 | CK127075 | 34 | 75 |
| - | - | CS127090 | CK127090 | 40 | 90 |
| CM127125 | CH127125 | CS127125 | - | 56 | 125 |
| CM127147 | CH127147 | - | - | 67 | 147 |
| CM127160 | CH127160 | - | - | 72 | 160 |
| CM127173 | - | - | - | 79 | 173 |
| CM127200 | - | - | - | 90 | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 15 | 0.153 | 10 | 0.00271 | 24 | 0.0566 | 31 | 0.0518 |
| 16 | 0.137 | 11 | 0.00376 | 25 | 0.0505 | 35 | 0.0723 |
| 17 | 0.122 | 13 | 0.00520 | 26 | 0.0452 | 40 | 0.101 |
| 18 | 0.109 | 15 | 0.00722 | 27 | 0.0409 | 45 | 0.140 |
| 19 | 0.0980 | 17 | 0.0100 | 28 | 0.0366 | 50 | 0.197 |
| 20 | 0.0879 | 19 | 0.0139 | 29 | 0.0330 | 56 | 0.269 |
| 21 | 0.0785 | 22 | 0.0193 | 30 | 0.0294 | 63 | 0.381 |
| 22 | 0.0701 | 25 | 0.0270 | 31 | 0.0267 | 69 | 0.527 |
| 23 | 0.0632 | 28 | 0.0371 | 32 | 0.0241 | 77 | 0.716 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD166

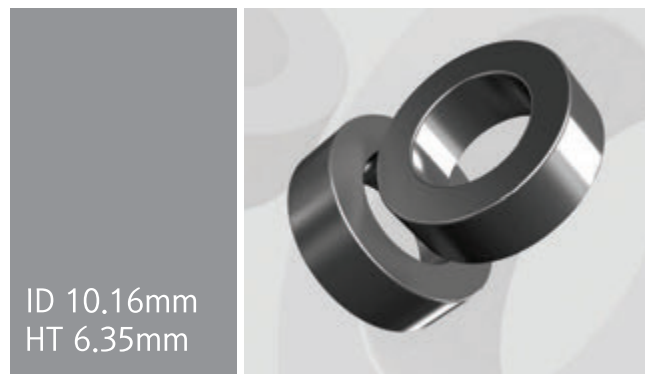
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 16.51 | 10.16 | 6.35 |
| | (inch) | 0.650 | 0.400 | 0.250 |
| After coating (Epoxy) | (mm) | 17.40 | 9.53 | 7.11 |
| | (inch) | 0.680 | 0.375 | 0.280 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|-----------------------|-----------------|----------------------|-----------------------|
| 0.1920cm ² | 4.11cm | 0.713cm ² | 0.7891cm ³ |
| 0.0298in ² | 1.619in | 140,600cmil | 0.0438in ³ |

OD 16.51mm / 0.650inch



Winding Information

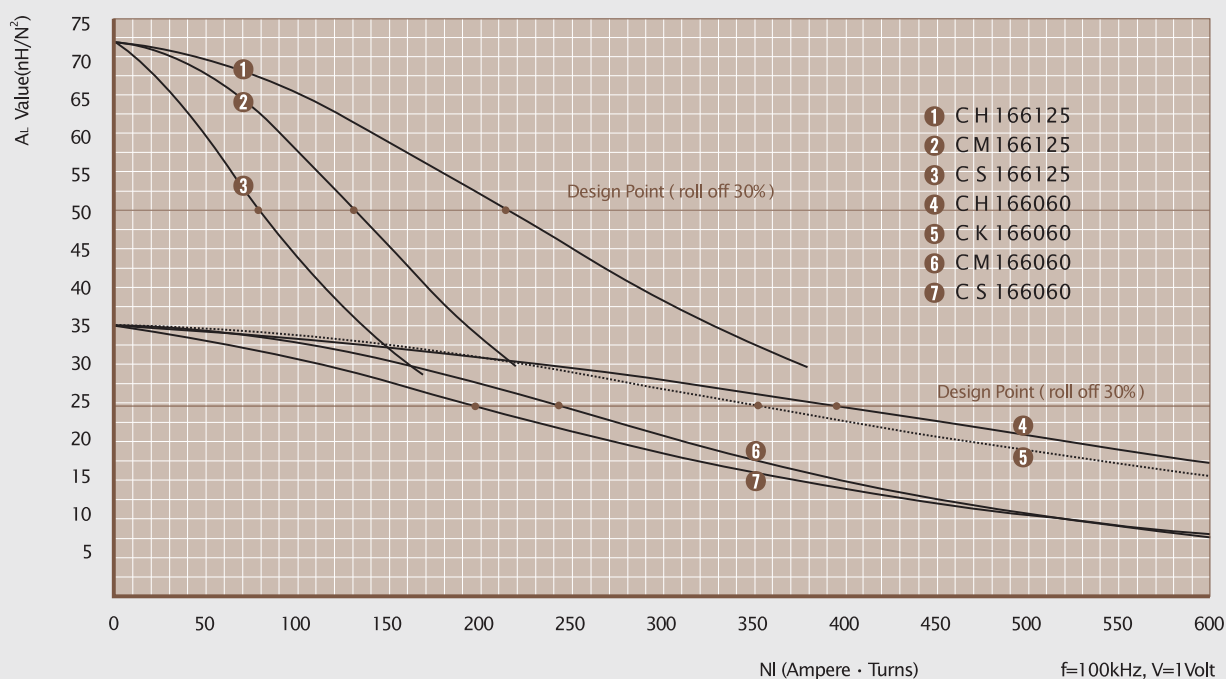
| AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω | AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω |
|--------------|---------|-------------------|---------|--------------|---------|-------------------|--------|
| 12 | 0.213 | 10 | 0.00165 | 21 | 0.0785 | 31 | 0.0323 |
| 13 | 0.190 | 11 | 0.00230 | 22 | 0.0701 | 35 | 0.0453 |
| 14 | 0.171 | 13 | 0.00318 | 23 | 0.0632 | 39 | 0.0626 |
| 15 | 0.153 | 15 | 0.00443 | 24 | 0.0566 | 44 | 0.0876 |
| 16 | 0.137 | 17 | 0.00617 | 25 | 0.0505 | 49 | 0.123 |
| 17 | 0.122 | 19 | 0.00856 | 26 | 0.0452 | 55 | 0.172 |
| 18 | 0.109 | 21 | 0.0119 | 27 | 0.0409 | 62 | 0.239 |
| 19 | 0.0980 | 24 | 0.0166 | 28 | 0.0366 | 69 | 0.336 |
| 20 | 0.0879 | 27 | 0.0231 | 29 | 0.0330 | 77 | 0.460 |

Single layer winding with 1 inch leads

Available Cores

| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM166026 | CH166026 | CS166026 | CK166026 | 15 | 26 |
| CM166060 | CH166060 | CS166060 | CK166060 | 35 | 60 |
| - | - | CS166075 | CK166075 | 43 | 75 |
| - | - | CS166090 | CK166090 | 52 | 90 |
| CM166125 | CH166125 | CS166125 | - | 72 | 125 |
| CM166147 | CH166147 | - | - | 88 | 147 |
| CM166160 | CH166160 | - | - | 92 | 160 |
| CM166173 | - | - | - | 104 | 173 |
| CM166200 | - | - | - | 115 | 200 |

AL vs NI Curve(60μ, 125μ)



OD172

OD 17.27mm / 0.680inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 17.27 | 9.65 | 6.35 |
| | (inch) | 0.680 | 0.380 | 0.250 |
| After coating (Epoxy) | (mm) | 18.03 | 9.02 | 7.11 |
| | (inch) | 0.710 | 0.355 | 0.280 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|-----------------------|--------------------|----------------------|-------------------------|
| 0.232cm ² | 4.14cm | 0.683cm ² | 0.9605cm ³ |
| 0.0360in ² | 1.63in | 126,000cmil | 0.005868in ³ |

Available Cores

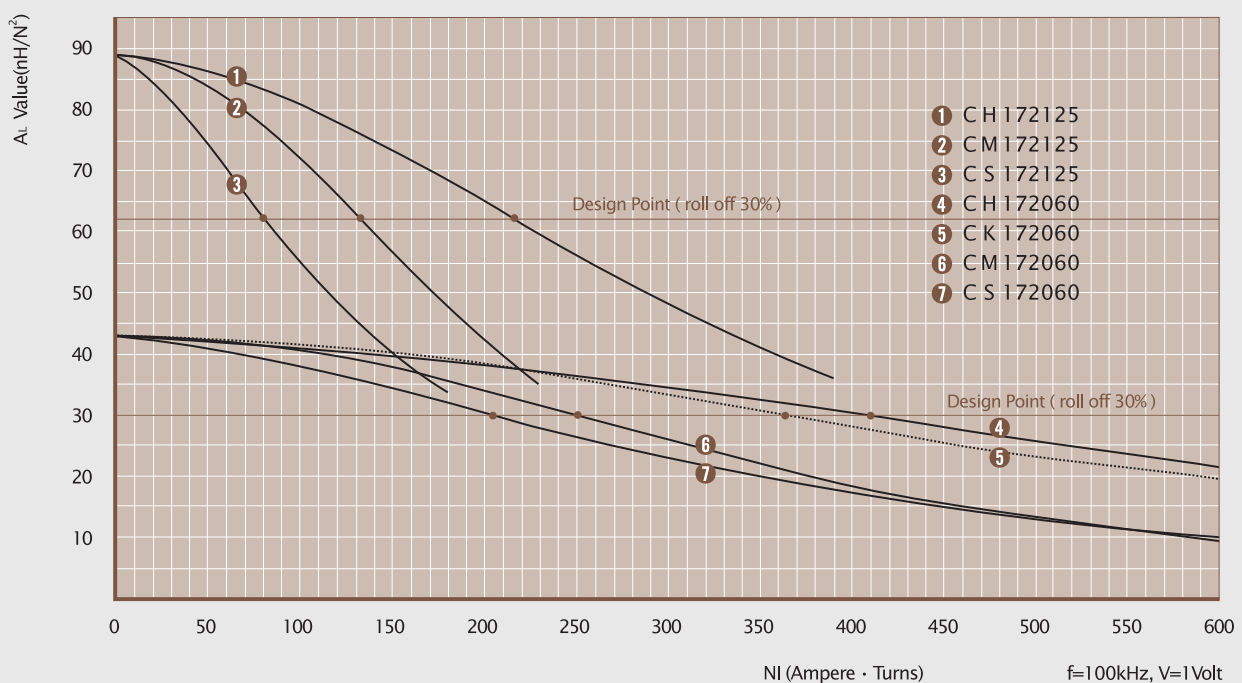
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM172026 | CH172026 | CS172026 | CK172026 | 19 | 26 |
| CM172060 | CH172060 | CS172060 | CK172060 | 43 | 60 |
| - | - | CS172075 | CK172075 | 53 | 75 |
| - | - | CS172090 | CK172090 | 64 | 90 |
| CM172125 | CH172125 | CS172125 | - | 89 | 125 |
| CM172147 | CH172147 | - | - | 105 | 147 |
| CM172160 | CH172160 | - | - | 114 | 160 |
| CM172173 | - | - | - | 123 | 173 |
| CM172200 | - | - | - | 142 | 200 |

Winding Information

| AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | | AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | |
|-------------------------|--------|-----------------------------|---------|-------------------------|--------|-----------------------------|--------|
| 12 | 0.213 | 9 | 0.00161 | 21 | 0.0785 | 29 | 0.0319 |
| 13 | 0.190 | 10 | 0.00225 | 22 | 0.0701 | 33 | 0.0449 |
| 14 | 0.171 | 12 | 0.00311 | 23 | 0.0632 | 37 | 0.0621 |
| 15 | 0.153 | 14 | 0.00434 | 24 | 0.0566 | 41 | 0.0869 |
| 16 | 0.137 | 16 | 0.00606 | 25 | 0.0505 | 47 | 0.122 |
| 17 | 0.122 | 18 | 0.00843 | 26 | 0.0452 | 52 | 0.171 |
| 18 | 0.109 | 20 | 0.0118 | 27 | 0.0409 | 58 | 0.237 |
| 19 | 0.0980 | 23 | 0.0164 | 28 | 0.0366 | 65 | 0.334 |
| 20 | 0.0879 | 26 | 0.0228 | 29 | 0.0330 | 73 | 0.458 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD203

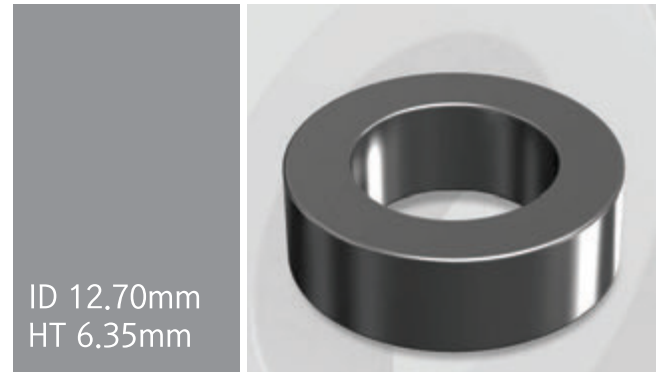
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 20.32 | 12.70 | 6.35 |
| | (inch) | 0.800 | 0.500 | 0.250 |
| After coating (Epoxy) | (mm) | 21.1 | 12.07 | 7.11 |
| | (inch) | 0.830 | 0.475 | 0.280 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|----------------------|---------------------------|--------------------------|------------------------|
| 0.226cm ² | 5.09cm | 1.14cm ² | 1.1510cm ³ |
| 0.035in ² | 2.01in | 225,600cmil | 0.07035in ³ |

OD 20.32mm / 0.800inch



Winding Information

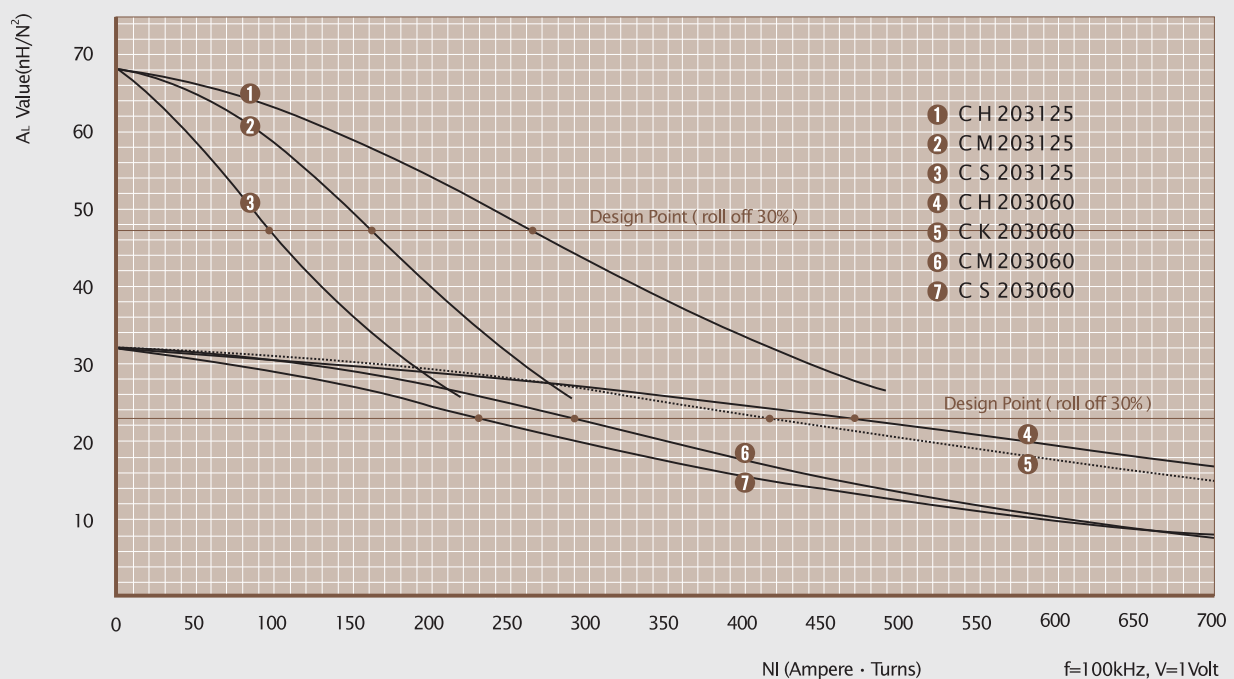
| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|------------------------------------|-------------------------|------------------------------------|
| 12 0.213 | 13 0.00221 | 21 0.0785 | 40 0.0430 |
| 13 0.190 | 15 0.00307 | 22 0.0701 | 45 0.0604 |
| 14 0.171 | 17 0.00424 | 23 0.0632 | 50 0.0834 |
| 15 0.153 | 19 0.00590 | 24 0.0566 | 56 0.117 |
| 16 0.137 | 22 0.00822 | 25 0.0505 | 63 0.164 |
| 17 0.122 | 25 0.0114 | 26 0.0452 | 71 0.230 |
| 18 0.109 | 28 0.0159 | 27 0.0409 | 79 0.318 |
| 19 0.0980 | 32 0.0222 | 28 0.0366 | 89 0.448 |
| 20 0.0879 | 35 0.0308 | 29 0.0330 | 98 0.614 |

Single layer winding with 1 inch leads

Available Cores

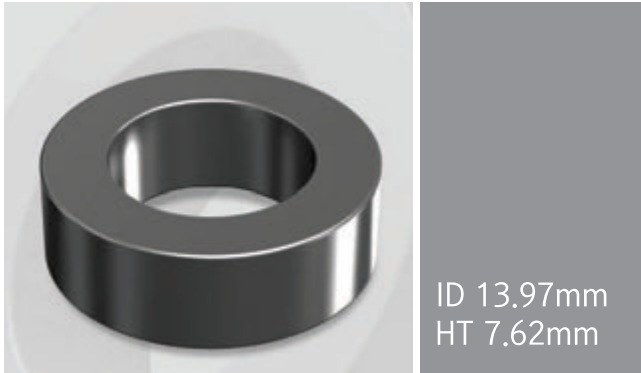
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM203026 | CH203026 | CS203026 | CK203026 | 14 | 26 |
| CM203060 | CH203060 | CS203060 | CK203060 | 32 | 60 |
| - | - | CS203075 | CK203075 | 41 | 75 |
| - | - | CS203090 | CK203090 | 49 | 90 |
| CM203125 | CH203125 | CS203125 | - | 68 | 125 |
| CM203147 | CH203147 | - | - | 81 | 147 |
| CM203160 | CH203160 | - | - | 87 | 160 |
| CM203173 | - | - | - | 96 | 173 |
| CM203200 | - | - | - | 109 | 200 |

AL vs NI Curve(60 μ , 125 μ)



OD229

OD 22.86mm / 0.900inch



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 22.86 | 13.97 | 7.62 |
| | (inch) | 0.900 | 0.550 | 0.300 |
| After coating (Epoxy) | (mm) | 23.62 | 13.39 | 8.38 |
| | (inch) | 0.930 | 0.527 | 0.330 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|-----------------------|-----------------|---------------------|------------------------|
| 0.331cm ² | 5.67cm | 1.41cm ² | 1.8771cm ³ |
| 0.0513in ² | 2.23in | 277,700cmil | 0.11455in ³ |

Available Cores

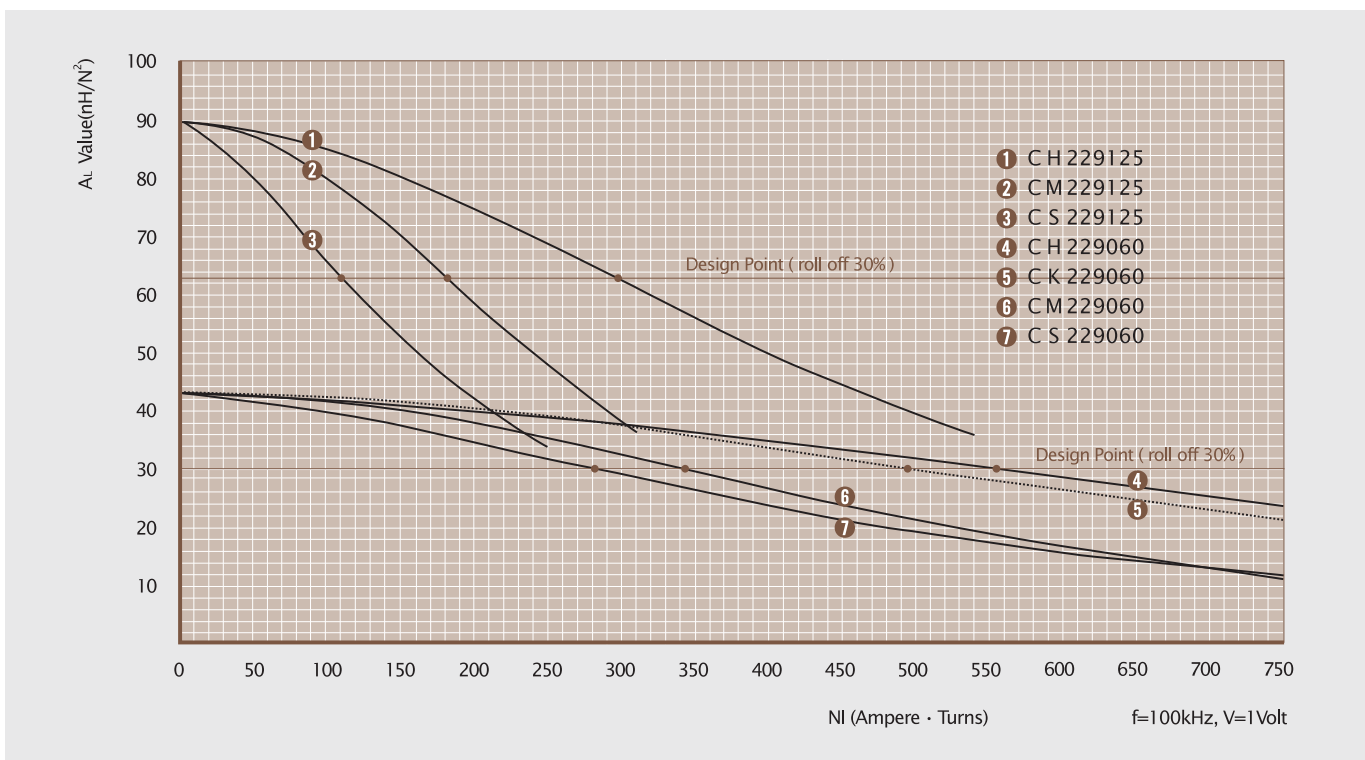
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM229026 | CH229026 | CS229026 | CK229026 | 19 | 26 |
| CM229060 | CH229060 | CS229060 | CK229060 | 43 | 60 |
| - | - | CS229075 | CK229075 | 54 | 75 |
| - | - | CS229090 | CK229090 | 65 | 90 |
| CM229125 | CH229125 | CS229125 | - | 90 | 125 |
| CM229147 | CH229147 | - | - | 106 | 147 |
| CM229160 | CH229160 | - | - | 115 | 160 |
| CM229173 | - | - | - | 124 | 173 |
| CM229200 | - | - | - | | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 12 | 0.213 | 15 | 0.00276 | 21 | 0.0785 | 45 | 0.0548 |
| 13 | 0.190 | 17 | 0.00384 | 22 | 0.0701 | 50 | 0.0771 |
| 14 | 0.171 | 19 | 0.00532 | 23 | 0.0632 | 56 | 0.107 |
| 15 | 0.153 | 22 | 0.00742 | 24 | 0.0566 | 63 | 0.150 |
| 16 | 0.137 | 25 | 0.0104 | 25 | 0.0505 | 71 | 0.210 |
| 17 | 0.122 | 28 | 0.0144 | 26 | 0.0452 | 79 | 0.295 |
| 18 | 0.109 | 31 | 0.0202 | 27 | 0.0409 | 88 | 0.409 |
| 19 | 0.0980 | 35 | 0.0281 | 28 | 0.0366 | 99 | 0.577 |
| 20 | 0.0879 | 40 | 0.0392 | 29 | 0.0330 | 109 | 0.791 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD234

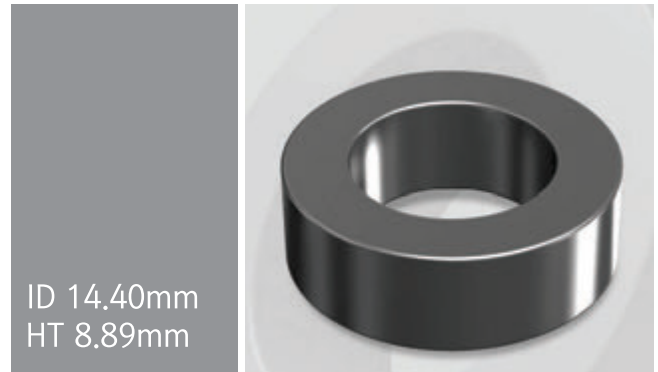
Core Dimensions

| | | 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 (W_a) | Volume (V) |
|----------------------|---------------------------|--------------------------|-----------------------|
| 0.388cm ² | 5.88cm | 1.49cm ² | 2.2814cm ³ |
| 0.061in ² | 2.32in | 293,800cmil | 0.1415in ³ |

OD 23.57mm / 0.928inch



Winding Information

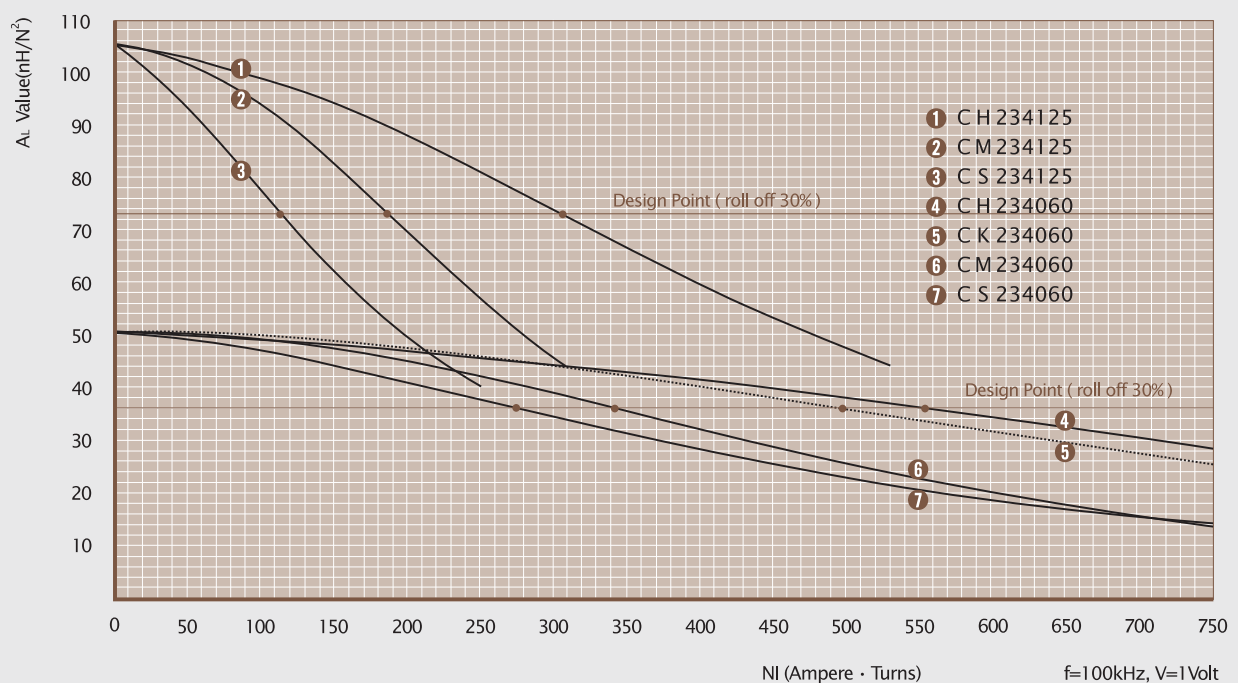
| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|------------------------------------|-------------------------|------------------------------------|
| 12 0.213 | 15 0.00307 | 21 0.0785 | 46 0.0620 |
| 13 0.190 | 17 0.00429 | 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

Available Cores

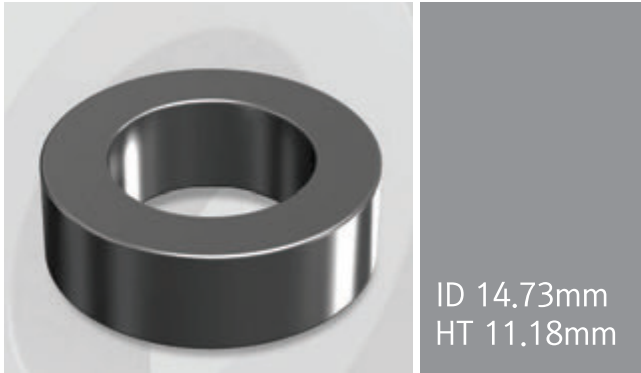
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM234026 | CH234026 | CS234026 | CK234026 | 22 | 26 |
| CM234060 | CH234060 | CS234060 | CK234060 | 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 |

AL vs NI Curve(60 μ , 125 μ)



OD270

OD 26.92mm / 1.060inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 26.92 | 14.73 | 11.18 |
| | (inch) | 1.060 | 0.580 | 0.440 |
| After coating (Epoxy) | (mm) | 27.70 | 14.10 | 11.99 |
| | (inch) | 1.090 | 0.555 | 0.472 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|-----------------------|---------------------------|--------------------------|-----------------------|
| 0.654cm ² | 6.35cm | 1.56cm ² | 4.154cm ³ |
| 0.1014in ² | 2.50in | 308,000cmil | 0.2536in ³ |

Available Cores

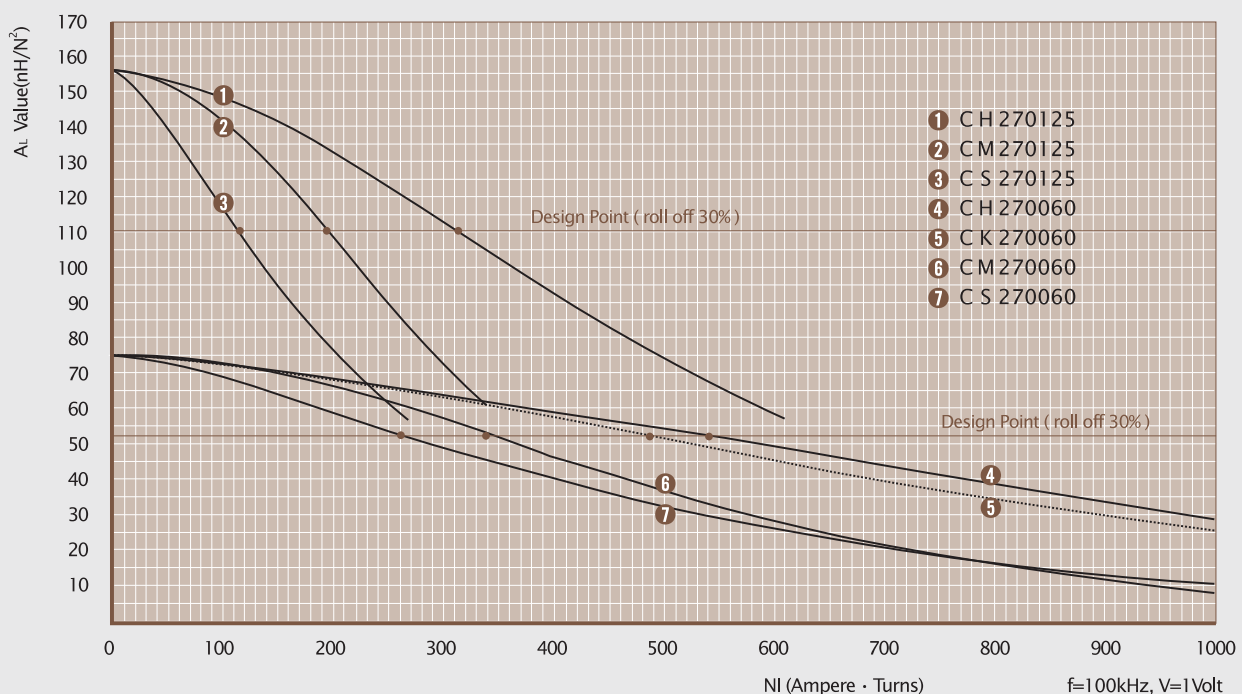
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM270026 | CH270026 | CS270026 | CK270026 | 32 | 26 |
| CM270060 | CH270060 | CS270060 | CK270060 | 75 | 60 |
| - | - | CS270075 | CK270075 | 94 | 75 |
| - | - | CS270090 | CK270090 | 113 | 90 |
| CM270125 | CH270125 | CS270125 | - | 157 | 125 |
| CM270147 | CH270147 | - | - | 185 | 147 |
| CM270160 | CH270160 | - | - | 201 | 160 |
| CM270173 | - | - | - | 217 | 173 |
| CM270200 | - | - | - | 251 | 200 |

Winding Information

| AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | | AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | |
|-------------------------|--------|------------------------------------|---------|-------------------------|--------|------------------------------------|--------|
| 12 | 0.213 | 16 | 0.00367 | 21 | 0.0785 | 47 | 0.0759 |
| 13 | 0.190 | 18 | 0.00514 | 22 | 0.0701 | 53 | 0.107 |
| 14 | 0.171 | 20 | 0.00715 | 23 | 0.0632 | 59 | 0.149 |
| 15 | 0.153 | 23 | 0.0100 | 24 | 0.0566 | 66 | 0.209 |
| 16 | 0.137 | 26 | 0.0141 | 25 | 0.0505 | 74 | 0.294 |
| 17 | 0.122 | 29 | 0.0197 | 26 | 0.0452 | 83 | 0.414 |
| 18 | 0.109 | 33 | 0.0276 | 27 | 0.0409 | 93 | 0.575 |
| 19 | 0.0980 | 37 | 0.0387 | 28 | 0.0366 | 104 | 0.812 |
| 20 | 0.0879 | 42 | 0.0541 | 29 | 0.0330 | 115 | 1.11 |

Single layer winding with 1 inch leads

AL vs NI Curve(60 μ , 125 μ)



OD330

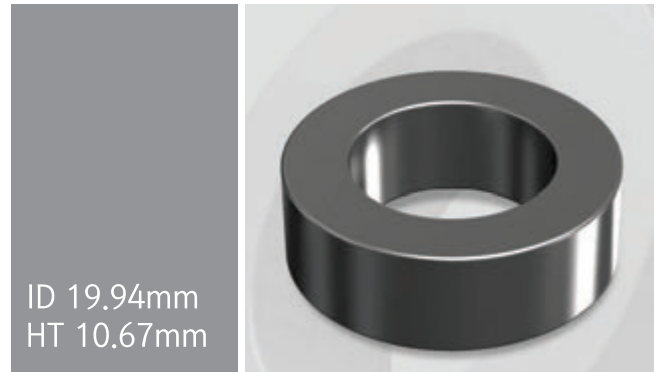
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 33.02 | 19.94 | 10.67 |
| | (inch) | 1.300 | 0.785 | 0.420 |
| After coating (Epoxy) | (mm) | 33.83 | 19.30 | 11.61 |
| | (inch) | 1.332 | 0.760 | 0.457 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|-----------------------|---------------------------|--------------------------|-----------------------|
| 00.672cm ² | 8.15cm | 2.93cm ² | 5.4768cm ³ |
| 0.1042in ² | 3.21in | 577,600cmil | 0.3345in ³ |

OD 33.02mm / 1.300inches



Winding Information

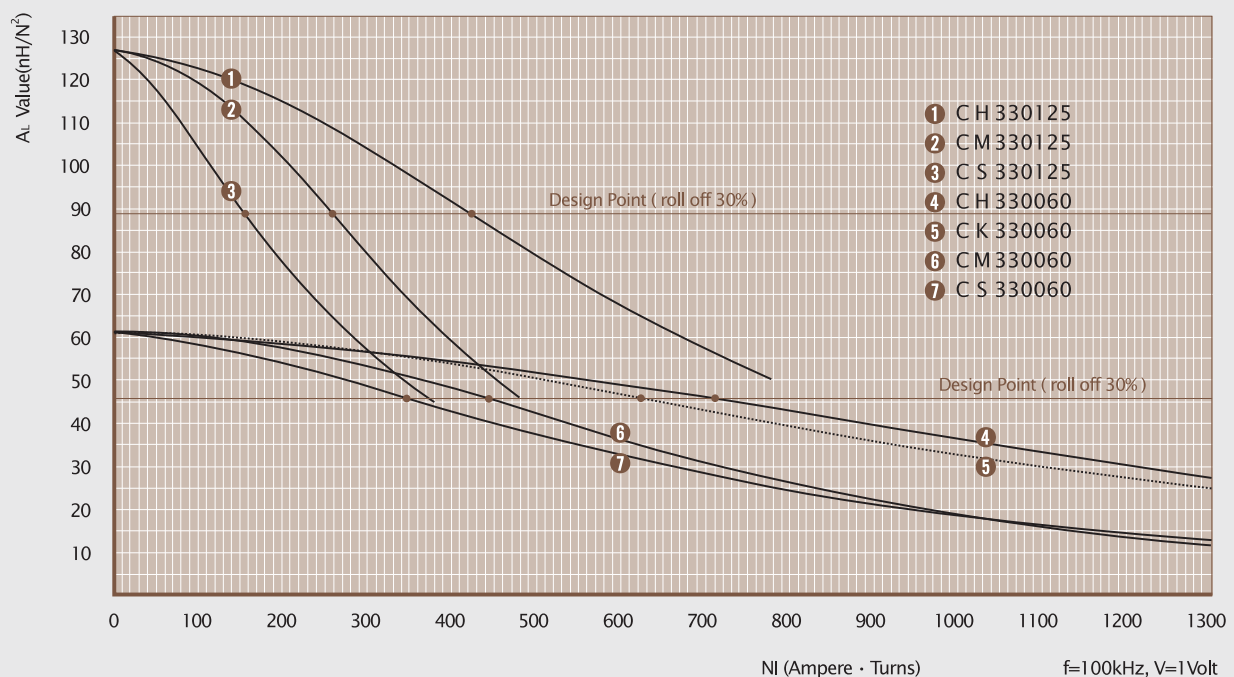
| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------------|----------|---------|--------------|---------------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 12 | 0.213 | 23 | 0.00517 | 21 | 0.0785 | 66 | 0.105 |
| 13 | 0.190 | 26 | 0.00722 | 22 | 0.0701 | 74 | 0.148 |
| 14 | 0.171 | 29 | 0.0100 | 23 | 0.0632 | 82 | 0.206 |
| 15 | 0.153 | 32 | 0.0140 | 24 | 0.0566 | 92 | 0.289 |
| 16 | 0.137 | 37 | 0.0197 | 25 | 0.0505 | 103 | 0.406 |
| 17 | 0.122 | 41 | 0.0274 | 26 | 0.0452 | 115 | 0.572 |
| 18 | 0.109 | 46 | 0.0384 | 27 | 0.0409 | 128 | 0.794 |
| 19 | 0.0980 | 52 | 0.0538 | 28 | 0.0366 | 143 | 1.12 |
| 20 | 0.0879 | 58 | 0.0750 | 29 | 0.0330 | 159 | 1.54 |

Single layer winding with 1 inch leads

Available Cores

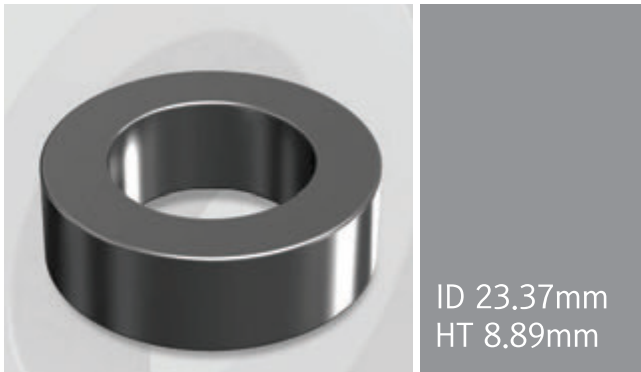
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM330026 | CH330026 | CS330026 | CK330026 | 28 | 26 |
| CM330060 | CH330060 | CS330060 | CK330060 | 61 | 60 |
| - | - | CS330075 | CK330075 | 76 | 75 |
| - | - | CS330090 | CK330090 | 91 | 90 |
| CM330125 | CH330125 | CS330125 | - | 127 | 125 |
| CM330147 | CH330147 | - | - | 150 | 147 |
| CM330160 | CH330160 | - | - | 163 | 160 |
| CM330173 | - | - | - | 176 | 173 |
| - | - | - | - | 203 | 200 |

AL vs NI Curve(60 μ , 125 μ)



OD343

OD 34.29mm / 1.350inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 34.29 | 23.37 | 8.89 |
| | (inch) | 1.350 | 0.920 | 0.350 |
| After coating (Epoxy) | (mm) | 35.20 | 22.60 | 9.83 |
| | (inch) | 1.385 | 0.888 | 0.387 |

Magnetic Dimensions

| Cross Section (A) | Path Length (L) | Window Area (Wa) | Volume (V) |
|-----------------------|--------------------|---------------------|-----------------------|
| 0.454cm ² | 8.95cm | 4.01cm ² | 4.0633cm ³ |
| 0.0704in ² | 3.53in | 788,500cmil | 0.2485in ³ |

Available Cores

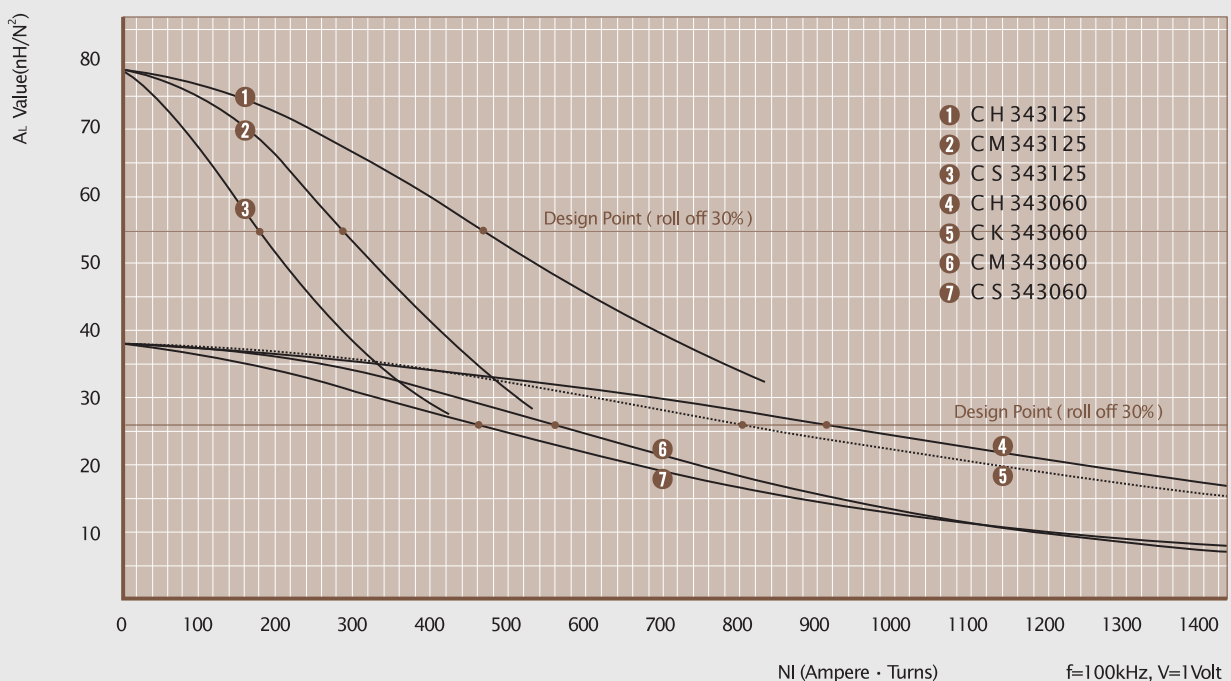
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM343026 | CH343026 | CS343026 | CK343026 | 16 | 26 |
| CM343060 | CH343060 | CS343060 | CK343060 | 38 | 60 |
| - | - | CS343075 | CK343075 | 47 | 75 |
| - | - | CS343090 | CK343090 | 57 | 90 |
| CM343125 | CH343125 | CS343125 | - | 79 | 125 |
| CM343147 | CH343147 | - | - | 93 | 147 |
| CM343160 | CH343160 | - | - | 101 | 160 |
| CM343173 | - | - | - | 109 | 173 |
| - | - | - | - | 126 | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 12 | 0.213 | 27 | 0.00533 | 21 | 0.0785 | 77 | 0.105 |
| 13 | 0.190 | 30 | 0.00740 | 22 | 0.0701 | 87 | 0.148 |
| 14 | 0.171 | 34 | 0.0102 | 23 | 0.0632 | 96 | 0.206 |
| 15 | 0.153 | 38 | 0.0143 | 24 | 0.0566 | 108 | 0.288 |
| 16 | 0.137 | 43 | 0.0199 | 25 | 0.0505 | 121 | 0.404 |
| 17 | 0.122 | 49 | 0.0277 | 26 | 0.0452 | 135 | 0.569 |
| 18 | 0.109 | 55 | 0.0388 | 27 | 0.0409 | 150 | 0.789 |
| 19 | 0.0980 | 61 | 0.0541 | 28 | 0.0366 | 168 | 1.11 |
| 20 | 0.0879 | 69 | 0.0754 | 29 | 0.0330 | 186 | 1.53 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD358

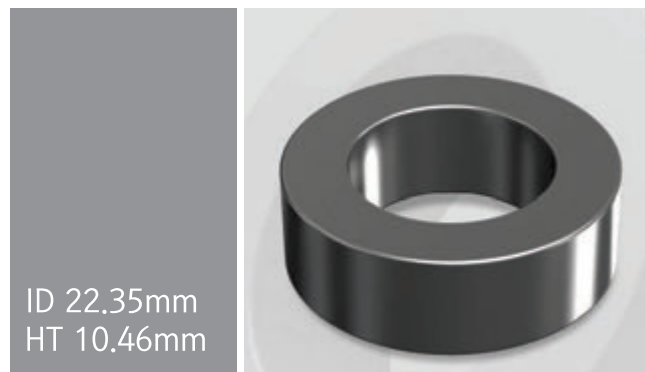
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 35.81 | 22.35 | 10.46 |
| | (inch) | 1.410 | 0.8880 | 0.412 |
| After coating (Epoxy) | (mm) | 36.70 | 21.50 | 11.28 |
| | (inch) | 1.445 | 0.848 | 0.444 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|-----------------------|---------------------------|--------------------------|-----------------------|
| 0.678cm ² | 8.98cm | 3.64cm ² | 6.0884cm ³ |
| 0.1051in ² | 3.54in | 719,100cmil | 0.3721in ³ |

OD 35.81mm / 1.410inches



Winding Information

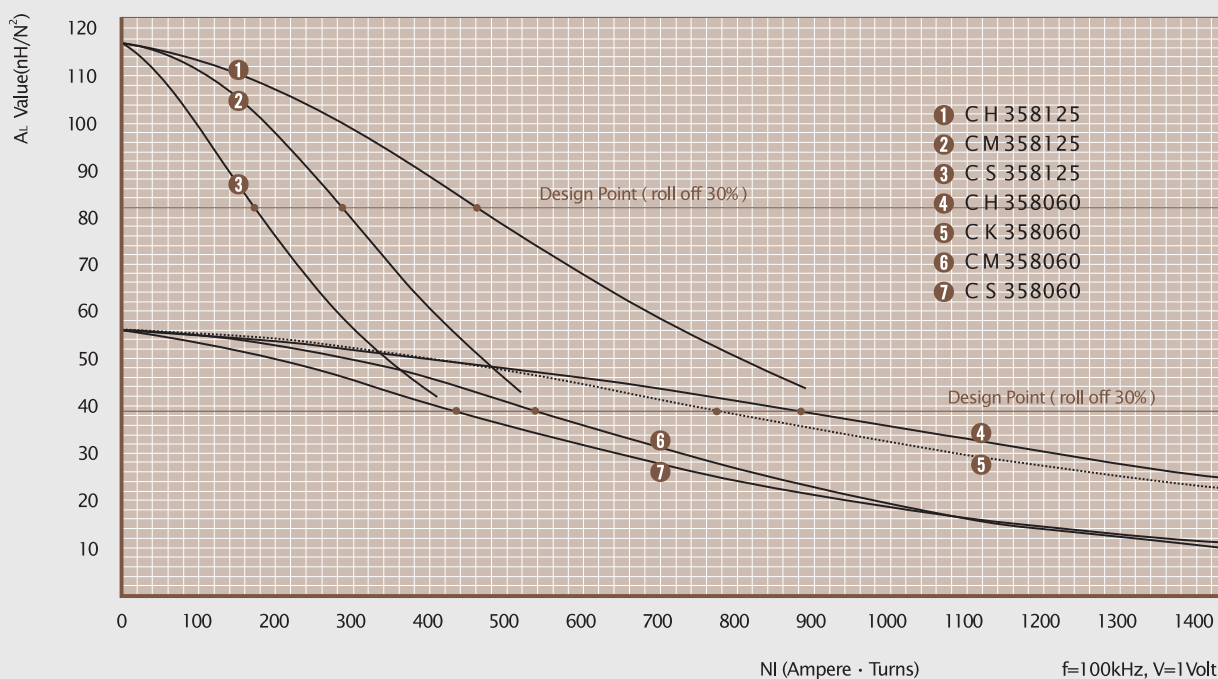
| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|------------------------------------|-------------------------|------------------------------------|
| 12 0.213 | 25 0.00579 | 21 0.0785 | 74 0.117 |
| 13 0.190 | 29 0.00809 | 22 0.0701 | 82 0.166 |
| 14 0.171 | 32 0.0112 | 23 0.0632 | 92 0.229 |
| 15 0.153 | 37 0.0157 | 24 0.0566 | 103 0.322 |
| 16 0.137 | 41 0.0220 | 25 0.0505 | 115 0.452 |
| 17 0.122 | 46 0.0306 | 26 0.0452 | 129 0.637 |
| 18 0.109 | 52 0.0429 | 27 0.0409 | 143 0.885 |
| 19 0.0980 | 58 0.0600 | 28 0.0366 | 160 1.25 |
| 20 0.0879 | 65 0.0837 | 29 0.0330 | 177 1.71 |

Single layer winding with 1 inch leads

Available Cores

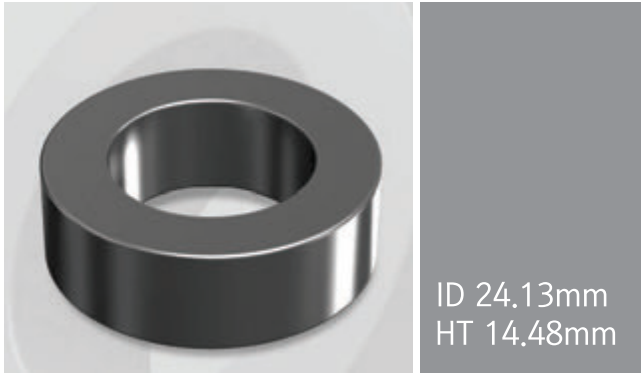
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM358026 | CH358026 | CS358026 | CK358026 | 24 | 26 |
| CM358060 | CH358060 | CS358060 | CK358060 | 56 | 60 |
| - | - | CS358075 | CK358075 | 70 | 75 |
| - | - | CS358090 | CK358090 | 84 | 90 |
| CM358125 | CH358125 | CS358125 | - | 117 | 125 |
| CM358147 | CH358147 | - | - | 138 | 147 |
| CM358160 | CH358160 | - | - | 150 | 160 |
| CM358173 | - | - | - | 162 | 173 |
| - | - | - | - | 187 | 200 |

AL vs NI Curve(60 μ , 125 μ)



OD400

OD 39.88mm / 1.570inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 39.88 | 24.13 | 14.48 |
| | (inch) | 1.570 | 0.950 | 0.570 |
| After coating (Epoxy) | (mm) | 40.70 | 23.30 | 15.37 |
| | (inch) | 1.602 | 0.918 | 0.605 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|-----------------------|-----------------|---------------------|------------------------|
| 1.072cm ² | 9.84cm | 4.27cm ² | 10.5485cm ³ |
| 0.1662in ² | 3.88in | 842,700cmil | 0.6449in ³ |

Available Cores

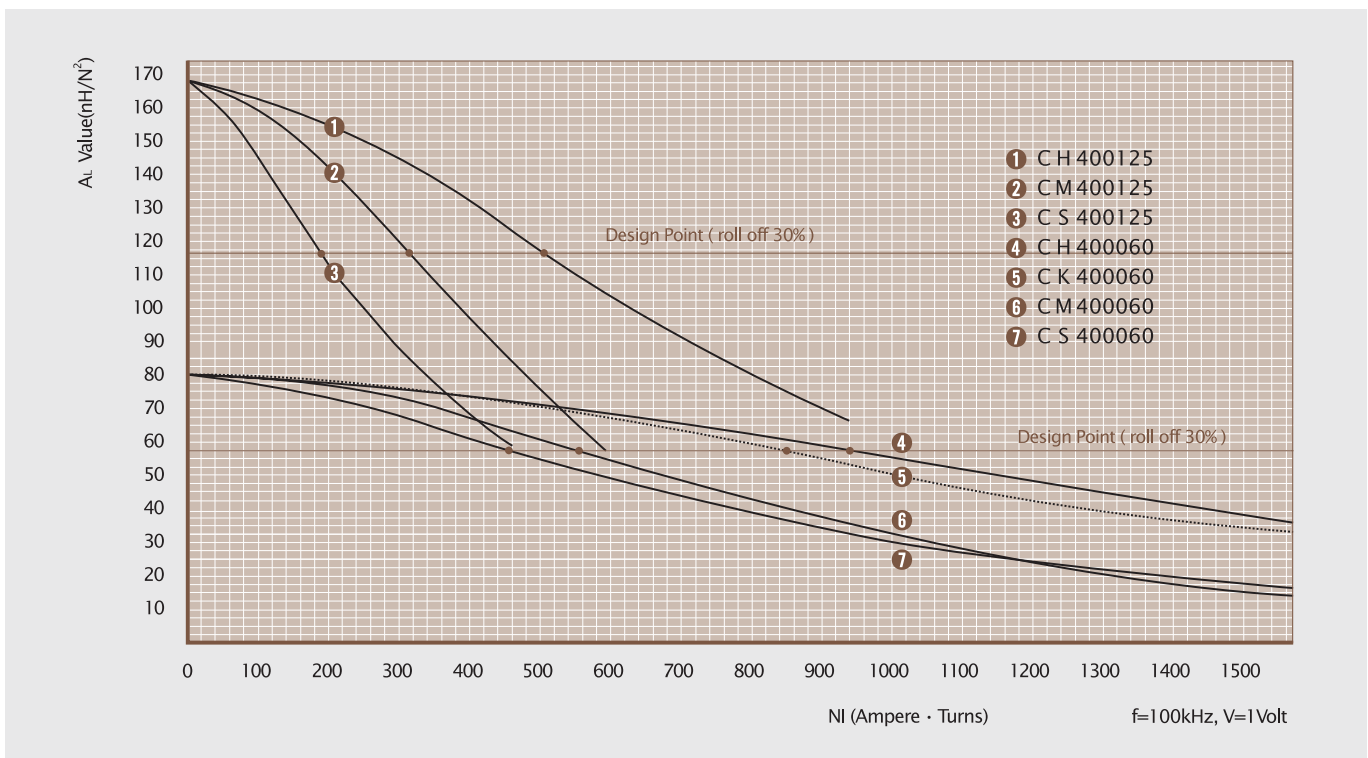
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM400026 | CH400026 | CS400026 | CK400026 | 35 | 26 |
| CM400060 | CH400060 | CS400060 | CK400060 | 81 | 60 |
| - | - | CS400075 | CK400075 | 101 | 75 |
| - | - | CS400090 | CK400090 | 121 | 90 |
| CM400125 | CH400125 | CS400125 | - | 168 | 125 |
| CM400147 | CH400147 | - | - | 198 | 147 |
| CM400160 | CH400160 | - | - | 215 | 160 |
| CM400173 | - | - | - | 233 | 173 |
| - | - | - | - | 269 | 200 |

Winding Information

| AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | | AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | |
|-------------------------|--------|-----------------------------|---------|-------------------------|--------|-----------------------------|--------|
| 10 | 0.213 | 22 | 0.00389 | 19 | 0.0785 | 64 | 0.0804 |
| 11 | 0.190 | 25 | 0.00545 | 20 | 0.0701 | 71 | 0.112 |
| 12 | 0.171 | 28 | 0.00762 | 21 | 0.0632 | 80 | 0.158 |
| 13 | 0.153 | 31 | 0.0107 | 22 | 0.0566 | 90 | 0.223 |
| 14 | 0.137 | 35 | 0.0148 | 23 | 0.0505 | 100 | 0.309 |
| 15 | 0.122 | 40 | 0.0208 | 24 | 0.0452 | 112 | 0.435 |
| 16 | 0.109 | 45 | 0.0292 | 25 | 0.0409 | 125 | 0.611 |
| 17 | 0.0980 | 50 | 0.0408 | 26 | 0.0366 | 140 | 0.862 |
| 18 | 0.0879 | 57 | 0.0574 | 27 | 0.0330 | 155 | 1.20 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD467

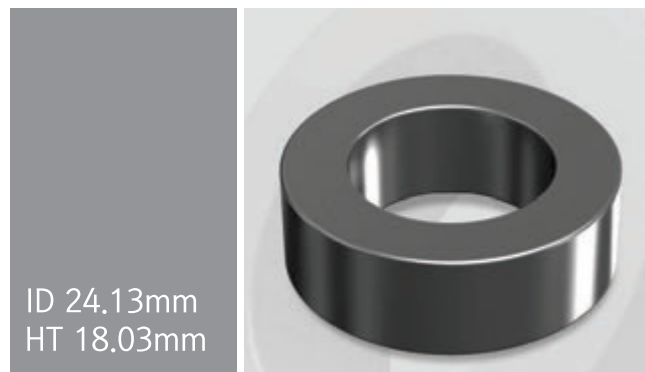
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 46.74 | 24.13 | 18.03 |
| | (inch) | 1.840 | 0.950 | 0.710 |
| After coating (Epoxy) | (mm) | 47.60 | 23.30 | 18.92 |
| | (inch) | 1.875 | 0.918 | 0.745 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|----------------------|---------------------------|--------------------------|-----------------------|
| 1.990cm ² | 10.74cm | 4.27cm ² | 21.373cm ³ |
| 0.308in ² | 4.23in | 842,700cmil | 1.303in ³ |

OD 46.74mm / 1.840inches



Winding Information

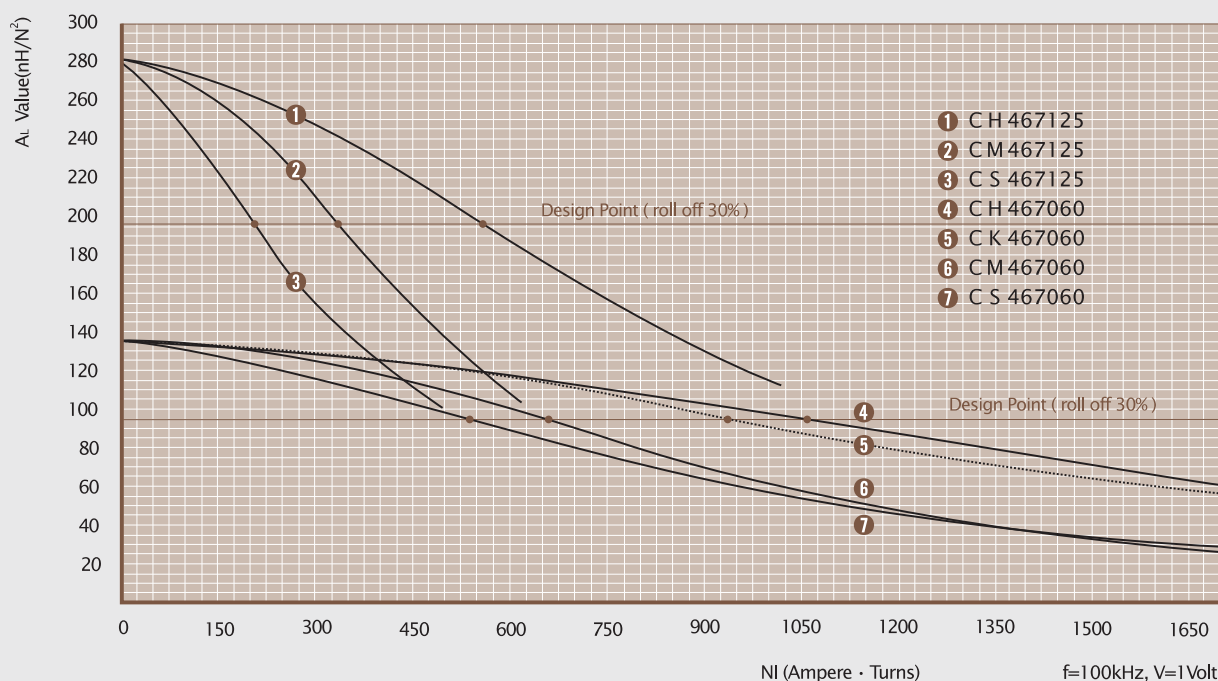
| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------------|----------|---------|--------------|---------------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 10 | 0.213 | 22 | 0.0488 | 19 | 0.0785 | 64 | 0.104 |
| 11 | 0.190 | 25 | 0.0688 | 20 | 0.0701 | 71 | 0.146 |
| 12 | 0.171 | 28 | 0.0966 | 21 | 0.0632 | 80 | 0.205 |
| 13 | 0.153 | 31 | 0.0136 | 22 | 0.0566 | 90 | 0.290 |
| 14 | 0.137 | 35 | 0.0189 | 23 | 0.0505 | 100 | 0.403 |
| 15 | 0.122 | 40 | 0.0267 | 24 | 0.0452 | 112 | 0.567 |
| 16 | 0.109 | 45 | 0.0375 | 25 | 0.0409 | 125 | 0.798 |
| 17 | 0.0980 | 50 | 0.0526 | 26 | 0.0366 | 140 | 1.13 |
| 18 | 0.0879 | 57 | 0.0740 | 27 | 0.0330 | 155 | 1.57 |

Single layer winding with 1 inch leads

Available Cores

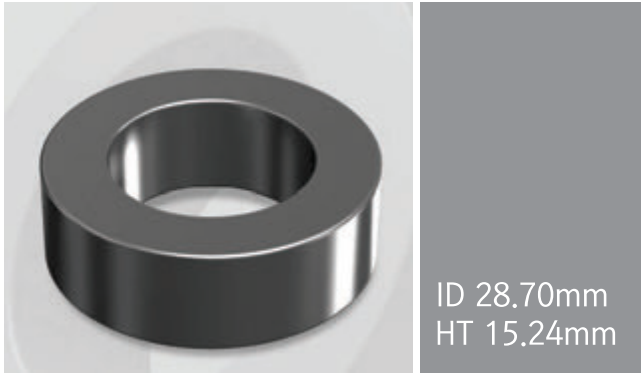
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM467026 | CH467026 | CS467026 | CK467026 | 59 | 26 |
| CM467060 | CH467060 | CS467060 | CK467060 | 135 | 60 |
| - | - | CS467075 | CK467075 | 169 | 75 |
| - | - | CS467090 | CK467090 | 202 | 90 |
| CM467125 | CH467125 | CS467125 | - | 281 | 125 |
| CM467147 | - | - | - | 330 | 147 |
| CM467160 | - | - | - | 360 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

AL vs NI Curve(60 μ , 125 μ)



OD468

OD 46.74mm / 1.840inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 46.74 | 28.70 | 15.24 |
| | (inch) | 1.840 | 1.130 | 0.600 |
| After coating (Epoxy) | (mm) | 47.60 | 27.90 | 16.13 |
| | (inch) | 1.875 | 1.098 | 0.635 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W _a) | Volume (V) |
|----------------------|--------------------|----------------------------------|-----------------------|
| 1.340cm ² | 11.63cm | 6.11cm ² | 15.584cm ³ |
| 0.208in ² | 4.58in | 1,206,000cmil | 0.9526in ³ |

Available Cores

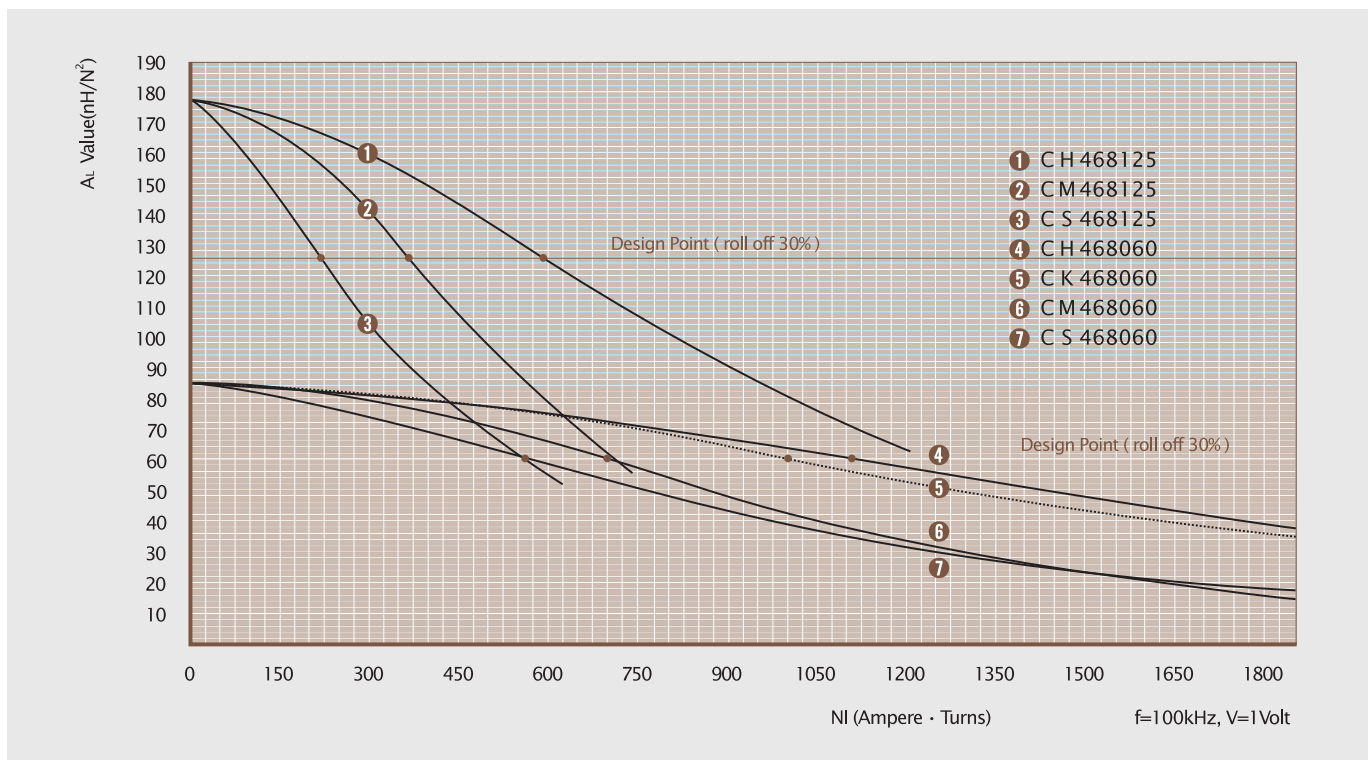
| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM468026 | CH468026 | CS468026 | CK468026 | 37 | 26 |
| CM468060 | CH468060 | CS468060 | CK468060 | 86 | 60 |
| - | - | CS468075 | CK468075 | 107 | 75 |
| - | - | CS468090 | CK468090 | 128 | 90 |
| CM468125 | CH468125 | CS468125 | - | 178 | 125 |
| CM468147 | - | - | - | 210 | 147 |
| CM468160 | - | - | - | 228 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | | AWG Wire No. Dia(cm) | | Single Layer Turn Rdc, Ω | |
|-------------------------|-------|-----------------------------|---------|-------------------------|--------|-----------------------------|-------|
| 10 | 0.267 | 26 | 0.00505 | 19 | 0.0980 | 77 | 0.104 |
| 11 | 0.238 | 30 | 0.00708 | 20 | 0.0879 | 86 | 0.146 |
| 12 | 0.213 | 34 | 0.0099 | 21 | 0.0785 | 96 | 0.205 |
| 13 | 0.190 | 38 | 0.0139 | 22 | 0.0701 | 108 | 0.290 |
| 14 | 0.171 | 43 | 0.0193 | 23 | 0.0632 | 120 | 0.402 |
| 15 | 0.153 | 48 | 0.0270 | 24 | 0.0566 | 134 | 0.565 |
| 16 | 0.137 | 54 | 0.0380 | 25 | 0.0505 | 150 | 0.795 |
| 17 | 0.122 | 61 | 0.0530 | 26 | 0.0452 | 168 | 1.12 |
| 18 | 0.109 | 68 | 0.0745 | 27 | 0.0409 | 186 | 1.56 |

Single layer winding with 1 inch leads

■ AL vs NI Curve(60μ, 125μ)



OD508

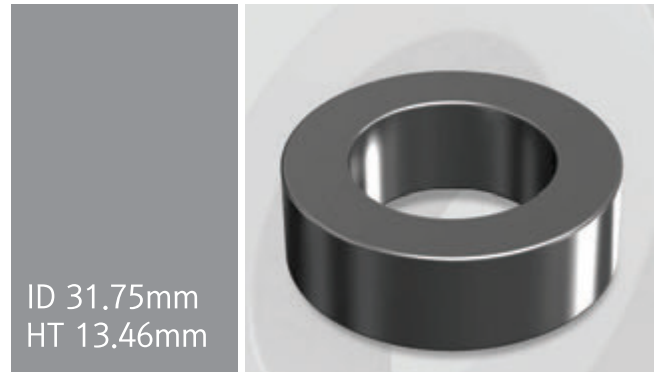
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 50.80 | 31.75 | 13.46 |
| | (inch) | 2.000 | 1.250 | 0.530 |
| After coating (Epoxy) | (mm) | 51.70 | 30.90 | 14.35 |
| | (inch) | 2.035 | 1.218 | 0.565 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|----------------------|---------------------------|--------------------------|-----------------------|
| 1.251cm ² | 12.73cm | 7.50cm ² | 15.929cm ³ |
| 0.194in ² | 5.02in | 1,484,000cmil | 0.9739in ³ |

OD 50.80mm / 2.000inches



Winding Information

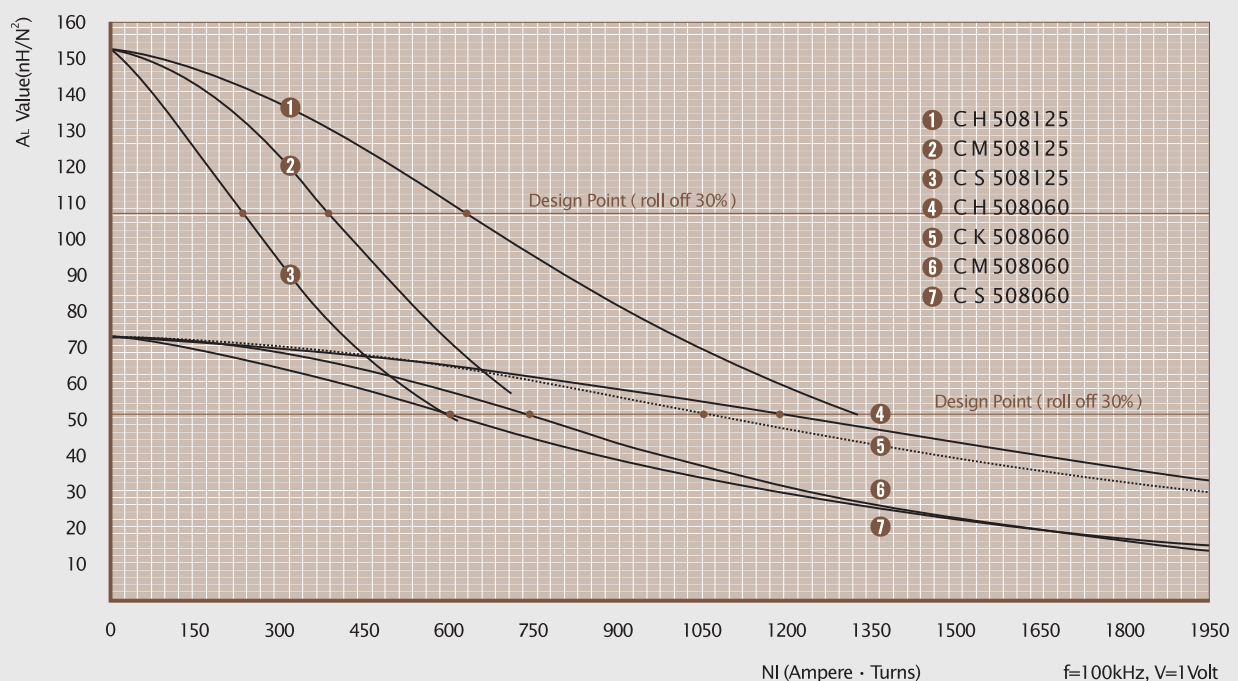
| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------------|----------|---------|--------------|---------------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 10 | 0.267 | 30 | 0.00539 | 19 | 0.0980 | 85 | 0.110 |
| 11 | 0.238 | 33 | 0.00754 | 20 | 0.0879 | 95 | 0.154 |
| 12 | 0.213 | 38 | 0.0105 | 21 | 0.0785 | 107 | 0.216 |
| 13 | 0.190 | 43 | 0.0147 | 22 | 0.0701 | 120 | 0.306 |
| 14 | 0.171 | 48 | 0.0205 | 23 | 0.0632 | 133 | 0.424 |
| 15 | 0.153 | 54 | 0.0287 | 24 | 0.0566 | 149 | 0.596 |
| 16 | 0.137 | 60 | 0.0402 | 25 | 0.0505 | 167 | 0.838 |
| 17 | 0.122 | 68 | 0.0562 | 26 | 0.0452 | 186 | 1.18 |
| 18 | 0.109 | 76 | 0.0788 | 27 | 0.0409 | 207 | 1.64 |

Single layer winding with 1 inch leads

Available Cores

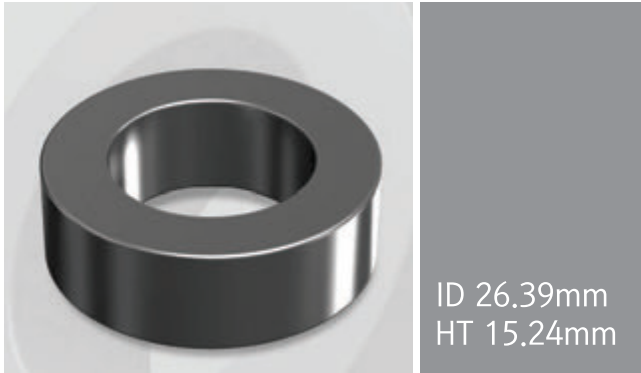
| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------------------|--|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM508026 | CH508026 | CS508026 | CK508026 | 32 | 26 |
| CM508060 | CH508060 | CS508060 | CK508060 | 73 | 60 |
| - | - | CS508075 | CK508075 | 91 | 75 |
| - | - | CS508090 | CK508090 | 109 | 90 |
| CM508125 | CH508125 | CS508125 | - | 152 | 125 |
| CM508147 | - | - | - | 179 | 147 |
| CM508160 | - | - | - | 195 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

■ AL vs NI Curve(60 μ , 125 μ)



OD571

OD 57.15mm / 2.250inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 57.15 | 26.39 | 15.24 |
| | (inch) | 2.250 | 1.039 | 0.600 |
| After coating (Epoxy) | (mm) | 58.00 | 25.60 | 16.10 |
| | (inch) | 2.285 | 1.007 | 0.635 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|----------------------|-----------------|---------------------|---------------------|
| 2.29cm ² | 12.5cm | 5.14cm ² | 28.6cm ³ |
| 0.355in ² | 4.93in | 1,014,049cmil | 1.75in ³ |

Available Cores

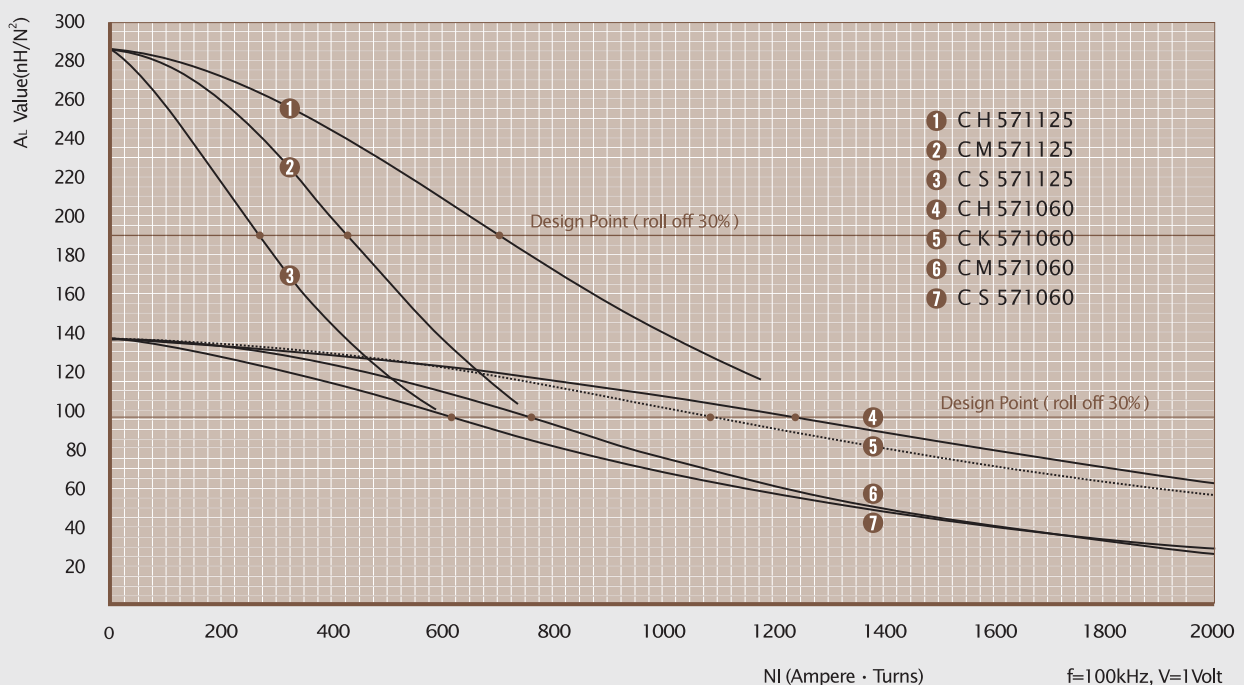
| Part No. | | | | AL | Perm. |
|----------|-----------|----------|------------|----------------------|-------|
| MPP | High Flux | Sendust | Mega Flux® | (nH/N ²) | (μ) |
| CM571026 | CH571026 | CS571026 | CK571026 | 60 | 26 |
| CM571060 | CH571060 | CS571060 | CK571060 | 138 | 60 |
| - | - | CS571075 | CK571075 | 172 | 75 |
| - | - | CS571090 | CK571090 | 206 | 90 |
| CM571125 | CH571125 | CS571125 | - | 287 | 125 |
| CM571147 | - | - | - | 306 | 147 |
| CM571160 | - | - | - | 333 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|---------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 10 | 0.267 | 26 | 0.00551 | 19 | 0.0980 | 78 | 0.133 |
| 11 | 0.238 | 30 | 0.00801 | 20 | 0.0879 | 88 | 0.189 |
| 12 | 0.213 | 34 | 0.0115 | 21 | 0.0785 | 99 | 0.269 |
| 13 | 0.190 | 39 | 0.0165 | 22 | 0.0701 | 111 | 0.381 |
| 14 | 0.171 | 43 | 0.0230 | 23 | 0.0632 | 124 | 0.534 |
| 15 | 0.153 | 49 | 0.0330 | 24 | 0.0566 | 138 | 0.752 |
| 16 | 0.137 | 55 | 0.0469 | 25 | 0.0505 | 156 | 1.07 |
| 17 | 0.122 | 62 | 0.0664 | 26 | 0.0452 | 174 | 1.51 |
| 18 | 0.109 | 70 | 0.0948 | 27 | 0.0409 | 193 | 2.10 |

Single layer winding with 1 inch leads

■ AL vs NI Curve(60μ, 125μ)



OD572

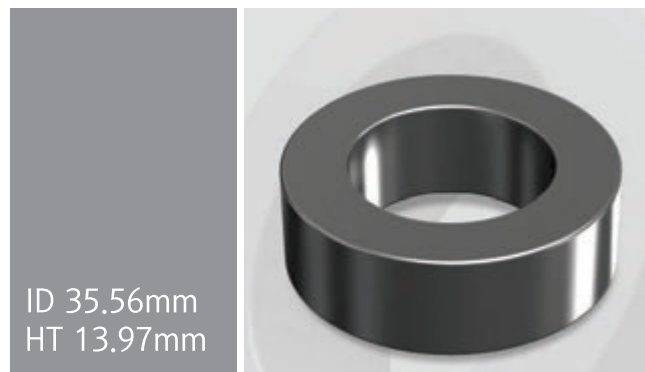
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 57.15 | 35.56 | 13.97 |
| | (inch) | 2.250 | 1.400 | 0.550 |
| After coating (Epoxy) | (mm) | 58.00 | 34.70 | 14.86 |
| | (inch) | 2.285 | 1.368 | 0.585 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|----------------------|---------------------------|--------------------------|----------------------|
| 1.444cm ² | 14.30cm | 9.48cm ² | 20.65cm ³ |
| 0.244in ² | 5.63in | 1,871,000cmil | 1.261in ³ |

OD 57.15mm / 2.250inches



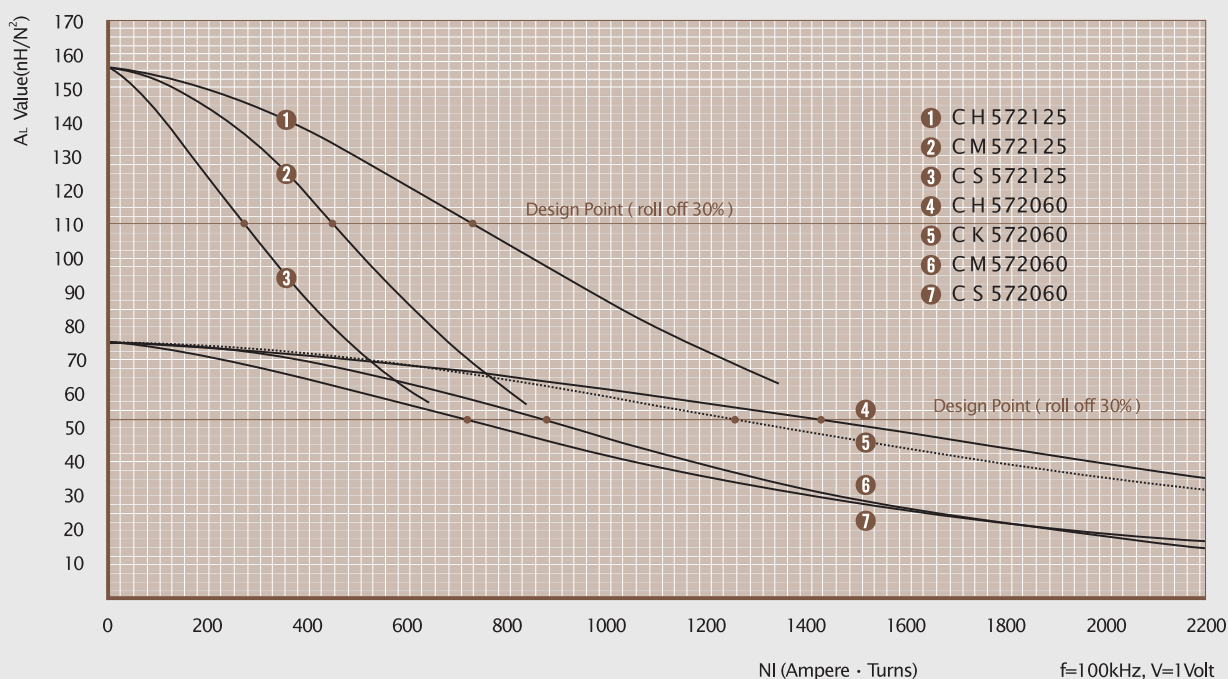
Winding Information

| AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω | AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω |
|-----------------|---------|----------------------|---------------|-----------------|---------|----------------------|---------------|
| 10 | 0.267 | 37 | 0.00644 | 19 | 0.0980 | 108 | 0.152 |
| 11 | 0.238 | 42 | 0.00920 | 20 | 0.0879 | 120 | 0.211 |
| 12 | 0.213 | 48 | 0.0133 | 21 | 0.0785 | 135 | 0.300 |
| 13 | 0.190 | 54 | 0.0188 | 22 | 0.0701 | 152 | 0.428 |
| 14 | 0.171 | 60 | 0.0263 | 23 | 0.0632 | 169 | 0.596 |
| 15 | 0.153 | 68 | 0.0376 | 24 | 0.0566 | 189 | 0.845 |
| 16 | 0.137 | 76 | 0.0531 | 25 | 0.0505 | 212 | 1.19 |
| 17 | 0.122 | 85 | 0.0746 | 26 | 0.0452 | 237 | 1.69 |
| 18 | 0.109 | 96 | 0.107 | 27 | 0.0409 | 263 | 2.35 |

Single layer winding with 1 inch leads

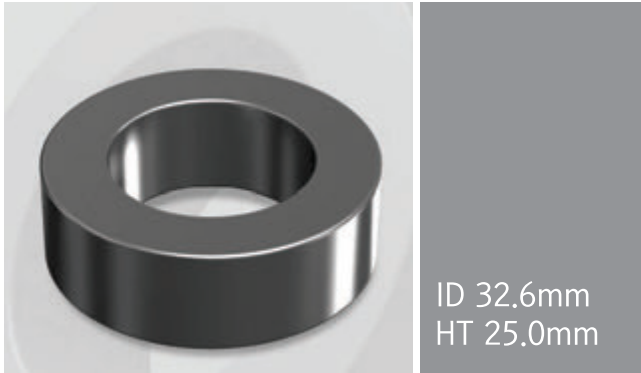
Available Cores

| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|--|--------------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM572026 | CH572026 | CS572026 | CK572026 | 33 | 26 |
| CM572060 | CH572060 | CS572060 | CK572060 | 75 | 60 |
| - | - | CS572075 | CK572075 | 94 | 75 |
| - | - | CS572090 | CK572090 | 112 | 90 |
| CM572125 | CH572125 | CS572125 | - | 156 | 125 |
| CM572147 | - | - | - | 185 | 147 |
| CM572160 | - | - | - | 200 | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

■ A_L vs NI Curve(60 μ , 125 μ)

OD610

OD 62.0mm / 2.441inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 62.0 | 32.6 | 25.0 |
| | (inch) | 2.441 | 1.283 | 0.984 |
| After coating (Epoxy) | (mm) | 63.1 | 31.37 | 26.27 |
| | (inch) | 2.484 | 1.235 | 1.034 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|----------------------|-----------------|---------------------|----------------------|
| 3.675cm ² | 14.37cm | 7.73cm ² | 52.81cm ³ |
| 0.570in ² | 5.66in | 1,525,610cmil | 3.223in ³ |

Available Cores

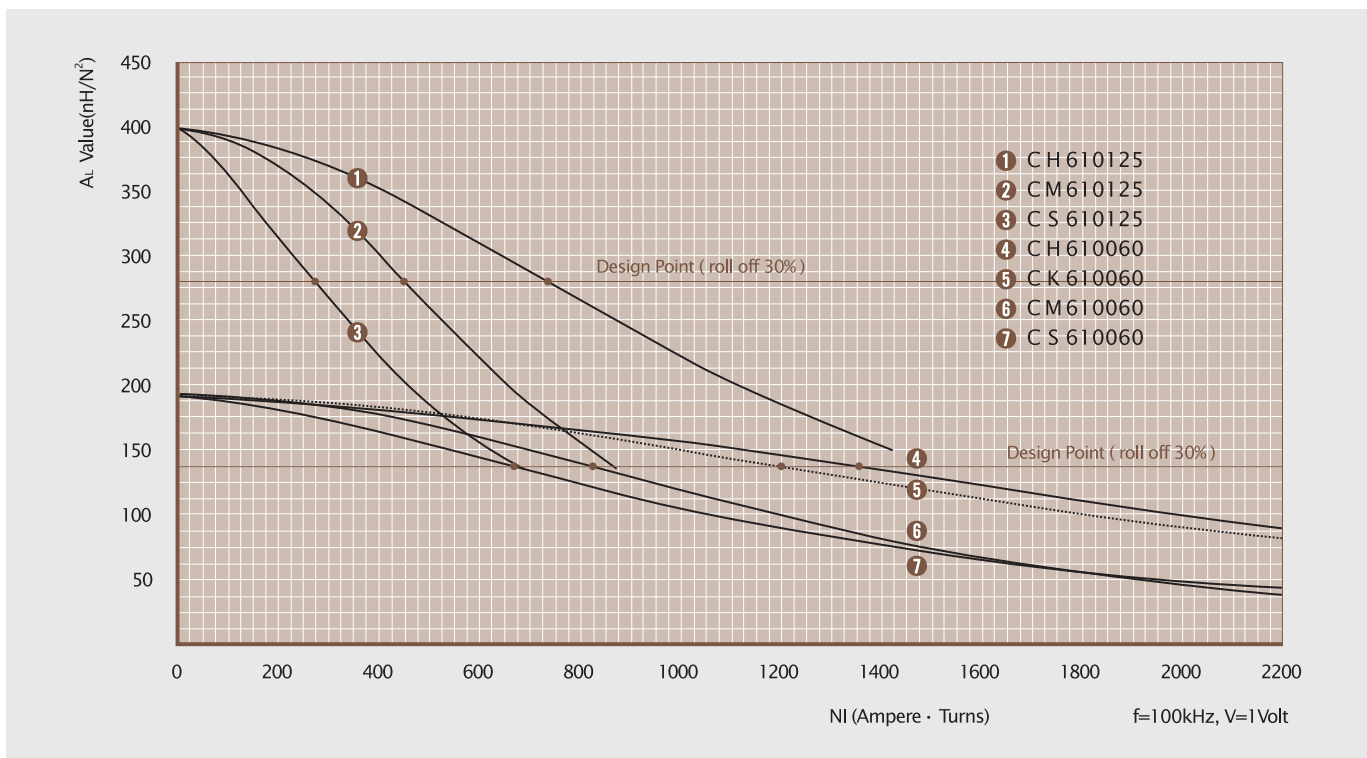
| Part No. | | | | AL | Perm. |
|----------|-----------|----------|------------|----------------------|-------|
| MPP | High Flux | Sendust | Mega Flux® | (nH/N ²) | (μ) |
| CM610026 | CH610026 | CS610026 | CK610026 | 83 | 26 |
| CM610060 | CH610060 | CS610060 | CK610060 | 192 | 60 |
| - | - | CS610075 | CK610075 | 240 | 75 |
| - | - | CS610090 | CK610090 | 288 | 90 |
| CM610125 | CH610125 | CS610125 | - | 400 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire No. | Single Layer Turn | AWG Wire Dia(cm) | Single Layer Rdc, Ω |
|--------------|-------------------|------------------|---------------------|
| 10 | 0.267 | 19 | 0.0980 |
| 11 | 0.238 | 20 | 0.0879 |
| 12 | 0.213 | 21 | 0.0785 |
| 13 | 0.190 | 22 | 0.0701 |
| 14 | 0.171 | 23 | 0.0632 |
| 15 | 0.153 | 24 | 0.0566 |
| 16 | 0.137 | 25 | 0.0505 |
| 17 | 0.122 | 26 | 0.0452 |
| 18 | 0.109 | 27 | 0.0409 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD740

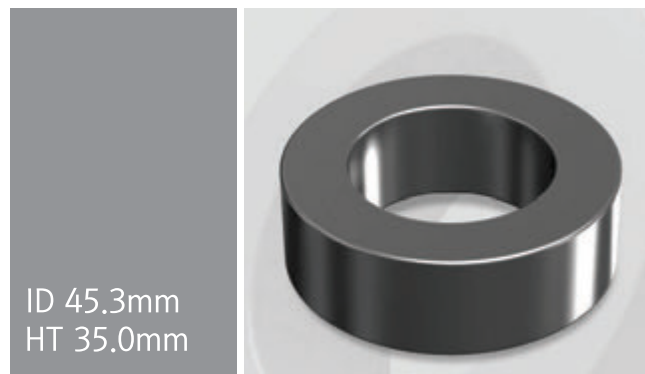
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 74.1 | 45.3 | 35.0 |
| | (inch) | 2.917 | 1.783 | 1.378 |
| After coating (Epoxy) | (mm) | 75.2 | 44.07 | 36.27 |
| | (inch) | 2.961 | 1.735 | 1.428 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|----------------------|---------------------------|--------------------------|----------------------|
| 5.040cm ² | 18.38cm | 15.25cm ² | 92.64cm ³ |
| 0.781in ² | 7.24in | 3,009, 310cmil | 5.653in ³ |

OD 74.1mm / 2.917inches



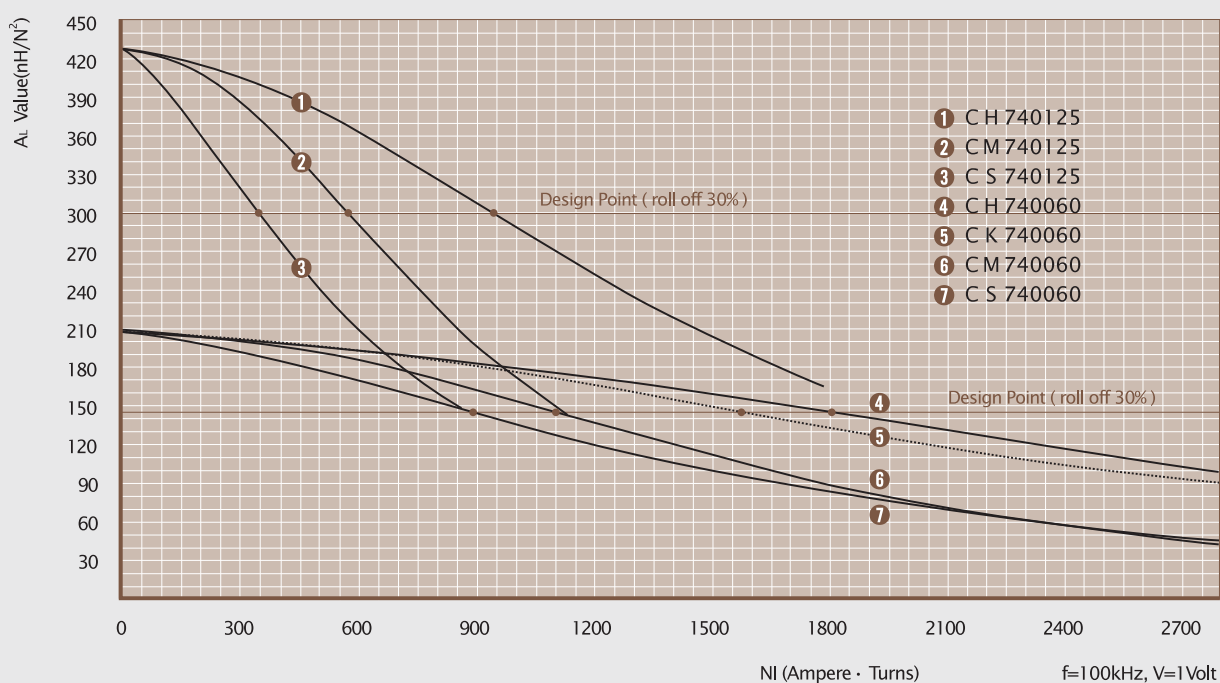
Winding Information

| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|------------------------------------|-------------------------|------------------------------------|
| 10 0.267 | | 19 0.0980 | |
| 11 0.238 | | 20 0.0879 | |
| 12 0.213 | | 21 0.0785 | |
| 13 0.190 | | 22 0.0701 | |
| 14 0.171 | N · A | 23 0.0632 | N · A |
| 15 0.153 | | 24 0.0566 | |
| 16 0.137 | | 25 0.0505 | |
| 17 0.122 | | 26 0.0452 | |
| 18 0.109 | | 27 0.0409 | |

Single layer winding with 1 inch leads

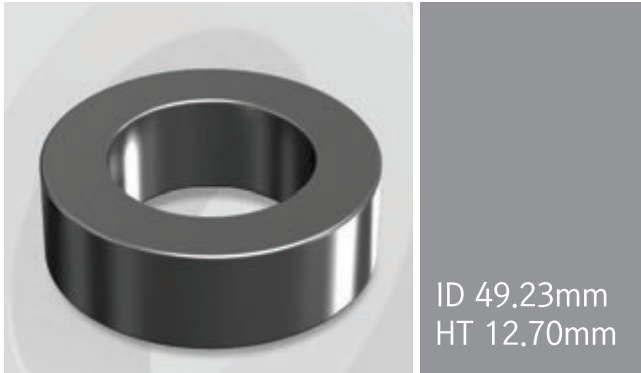
Available Cores

| Part No. | | | | AL | Perm. |
|----------|-----------|----------|------------|----------------------|-----------|
| MPP | High Flux | Sendust | Mega Flux® | (nH/N ²) | (μ) |
| CM740026 | CH740026 | CS740026 | CK740026 | 89 | 26 |
| CM740060 | CH740060 | CS740060 | CK740060 | 206 | 60 |
| - | - | CS740075 | CK740075 | 257 | 75 |
| - | - | CS740090 | CK740090 | 309 | 90 |
| CM740125 | CH740125 | CS740125 | - | 429 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

■ AL vs NI Curve(60 μ , 125 μ)

OD777

OD 77.8mm / 3.063inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 77.80 | 49.23 | 12.70 |
| | (inch) | 3.063 | 1.938 | 0.50 |
| After coating (Epoxy) | (mm) | 78.90 | 48.0 | 13.97 |
| | (inch) | 3.108 | 1.888 | 0.550 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) |
|----------------------|-----------------|----------------------|-----------------------|
| 1.770cm ² | 20.0cm | 17.99cm ² | 34.770cm ³ |
| 0.274in ² | 7.72in | 3,550,000cmil | 2.122in ³ |

Available Cores

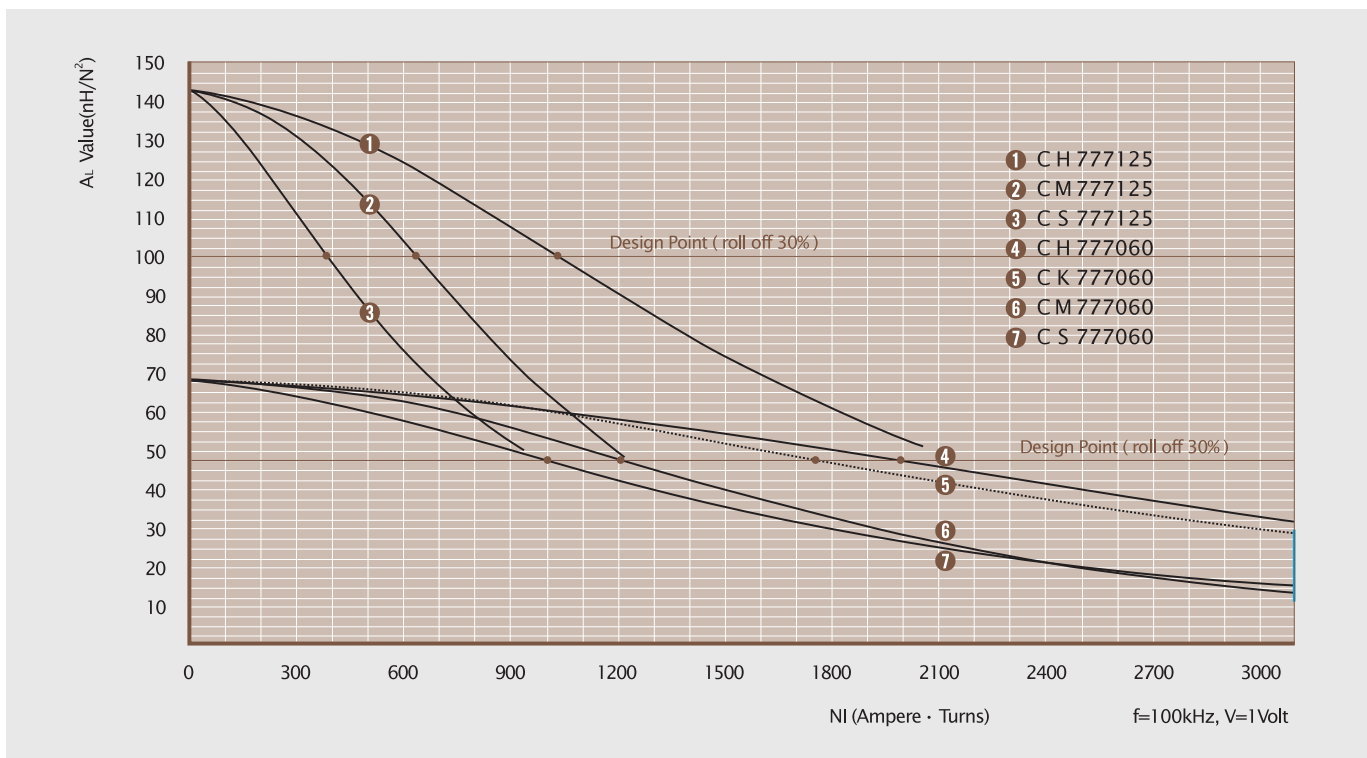
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|----------------------------|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM777026 | CH777026 | CS777026 | CK777026 | 30 | 26 |
| CM777060 | CH777060 | CS777060 | CK777060 | 68 | 60 |
| - | - | CS777075 | CK777075 | 85 | 75 |
| - | - | CS777090 | CK777090 | 102 | 90 |
| CM777125 | CH777125 | CS777125 | - | 142 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|--------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 10 | 0.267 | 53 | 0.0113 | 19 | 0.0980 | 150 | 0.258 |
| 11 | 0.238 | 60 | 0.0162 | 20 | 0.0879 | 168 | 0.364 |
| 12 | 0.213 | 67 | 0.0228 | 21 | 0.0785 | 188 | 0.514 |
| 13 | 0.190 | 76 | 0.0325 | 22 | 0.0701 | 211 | 0.732 |
| 14 | 0.171 | 84 | 0.0454 | 23 | 0.0632 | 235 | 1.02 |
| 15 | 0.153 | 95 | 0.0646 | 24 | 0.0566 | 263 | 1.30 |
| 16 | 0.137 | 106 | 0.0912 | 25 | 0.0505 | 295 | 1.84 |
| 17 | 0.122 | 119 | 0.129 | 26 | 0.0452 | 330 | 2.61 |
| 18 | 0.109 | 134 | 0.183 | 27 | 0.0409 | 365 | 3.62 |

Single layer winding with 1 inch leads

AL vs NI Curve(60μ, 125μ)



OD778

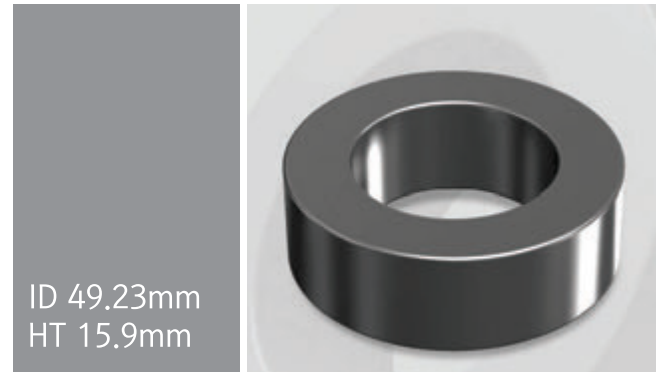
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 77.80 | 49.23 | 15.9 |
| | (inch) | 3.063 | 1.938 | 0.626 |
| After coating (Epoxy) | (mm) | 78.90 | 48.0 | 17.2 |
| | (inch) | 3.108 | 1.888 | 0.677 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W _a) | Volume (V) |
|----------------------|-----------------|-------------------------------|-----------------------|
| 2.270cm ² | 20.0cm | 17.99cm ² | 43.531cm ³ |
| 0.352in ² | 7.72in | 3,550,000cmil | 2.656in ³ |

OD 77.8mm / 3.063inches



Winding Information

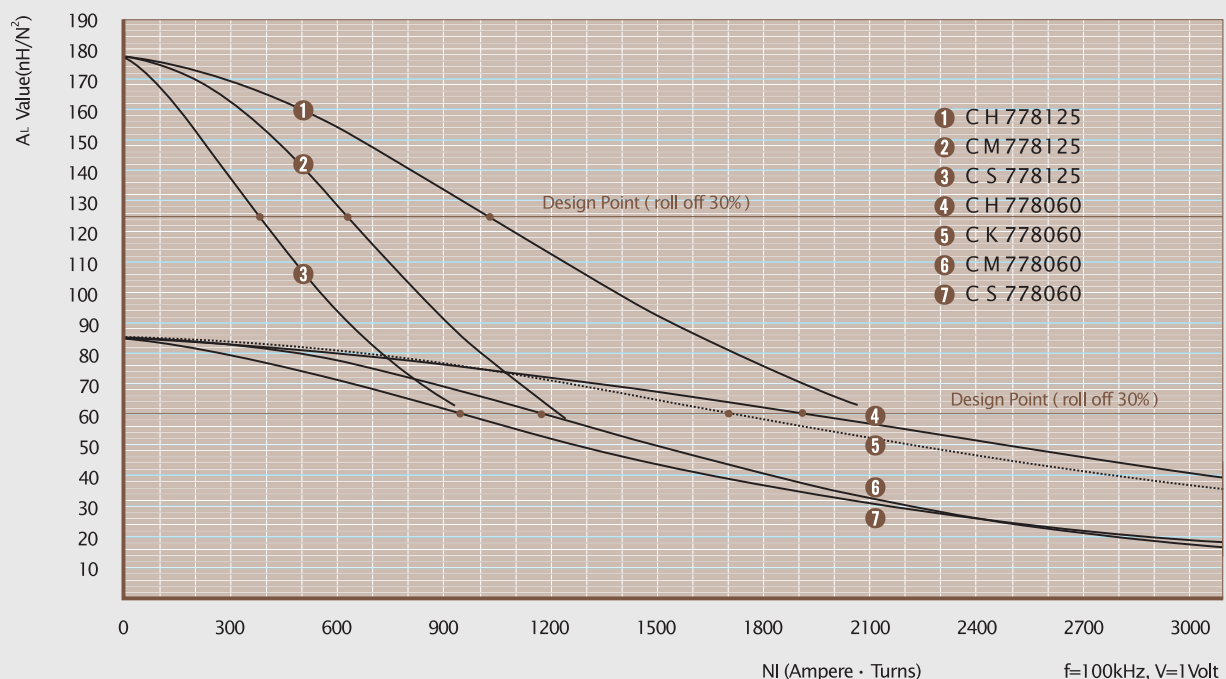
| AWG Wire No. | Single Layer Dia(cm) | Turn | Rdc, Ω | AWG Wire No. | Single Layer Dia(cm) | Turn | Rdc, Ω |
|--------------|----------------------|-------|--------|--------------|----------------------|-------|--------|
| 10 | 0.267 | | | 19 | 0.0980 | | |
| 11 | 0.238 | | | 20 | 0.0879 | | |
| 12 | 0.213 | | | 21 | 0.0785 | | |
| 13 | 0.190 | | | 22 | 0.0701 | | |
| 14 | 0.171 | N · A | | 23 | 0.0632 | N · A | |
| 15 | 0.153 | | | 24 | 0.0566 | | |
| 16 | 0.137 | | | 25 | 0.0505 | | |
| 17 | 0.122 | | | 26 | 0.0452 | | |
| 18 | 0.109 | | | 27 | 0.0409 | | |

Single layer winding with 1 inch leads

Available Cores

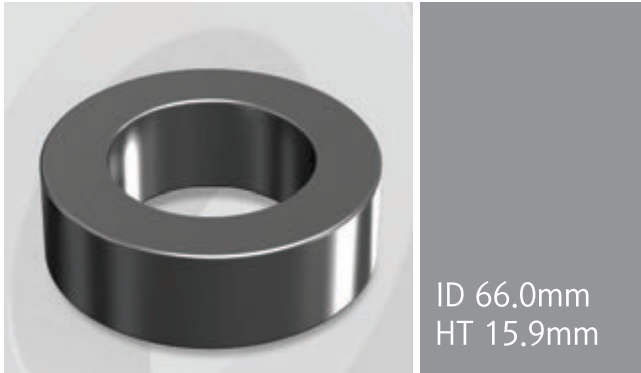
| Part No. | | | | A _L | Perm. |
|----------|-----------|----------|------------|----------------------|-------|
| MPP | High Flux | Sendust | Mega Flux® | (nH/N ²) | (μ) |
| CM778026 | CH778026 | CS778026 | CK778026 | 37 | 26 |
| CM778060 | CH778060 | CS778060 | CK778060 | 85 | 60 |
| - | - | CS778075 | CK778075 | 107 | 75 |
| - | - | CS778090 | CK778090 | 128 | 90 |
| CM778125 | CH778125 | CS778125 | - | 178 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

■ AL vs NI Curve(60μ, 125μ)



OD888

OD 88.9mm / 3.500inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 88.90 | 66.00 | 15.90 |
| | (inch) | 3.500 | 2.598 | 0.626 |
| After coating (Epoxy) | (mm) | 90.03 | 64.74 | 17.20 |
| | (inch) | 3.544 | 2.549 | 0.677 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W _a) | Volume (V) |
|----------------------|--------------------|----------------------------------|-----------------------|
| 1.83cm ² | 24.10cm | 32.92cm ² | 44.103cm ³ |
| 0.284in ² | 9.46in | 6,00,140cmil | 2.691in ³ |

Available Cores

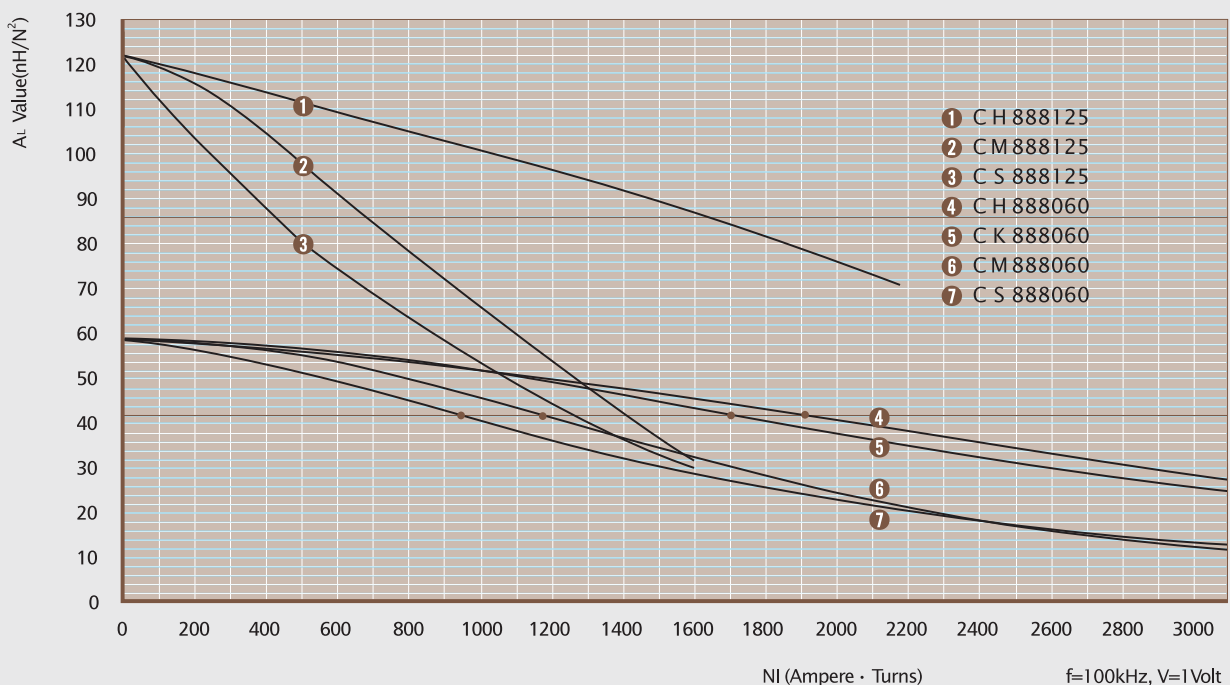
| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|----------|-----------|----------|------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM888026 | CH888026 | CS888026 | CK888026 | 24 | 26 |
| CM888060 | CH888060 | CS888060 | CK888060 | 57 | 60 |
| - | - | CS888075 | CK888075 | 71 | 75 |
| - | - | CS888090 | CK888090 | 85 | 90 |
| CM888125 | CH888125 | CS888125 | - | 119 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 10 0.267 | N · A | 19 0.0980 | N · A |
| 11 0.238 | | 20 0.0879 | |
| 12 0.213 | | 21 0.0785 | |
| 13 0.190 | | 22 0.0701 | |
| 14 0.171 | | 23 0.0632 | |
| 15 0.153 | | 24 0.0566 | |
| 16 0.137 | | 25 0.0505 | |
| 17 0.122 | | 26 0.0452 | |
| 18 0.109 | | 27 0.0409 | |

Single layer winding with 1 inch leads

■ AL vs NI Curve(60μ, 125μ)



OD1016

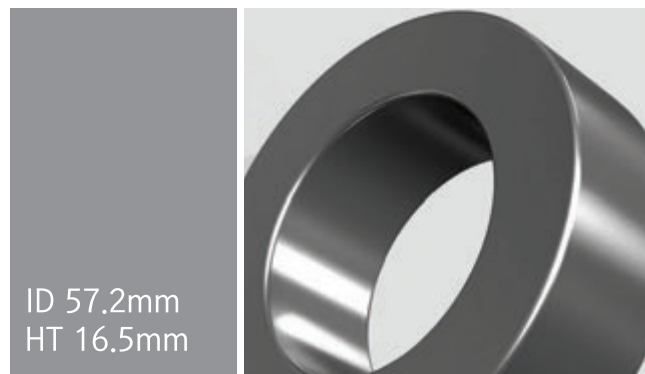
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 101.6 | 57.2 | 16.5 |
| | (inch) | 3.980 | 2.252 | 0.650 |
| After coating (Epoxy) | (mm) | 103.1 | 55.7 | 17.8 |
| | (inch) | 4.059 | 2.193 | 0.701 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W_a) | Volume (V) |
|----------------------|---------------------------|--------------------------|-----------------------|
| 3.522cm ² | 24.27cm | 24.36cm ² | 85.495cm ³ |
| 0.546in ² | 9.56in | 4,807,425cmil | 5.217in ³ |

OD 101.6mm / 3.980inches



Winding Information

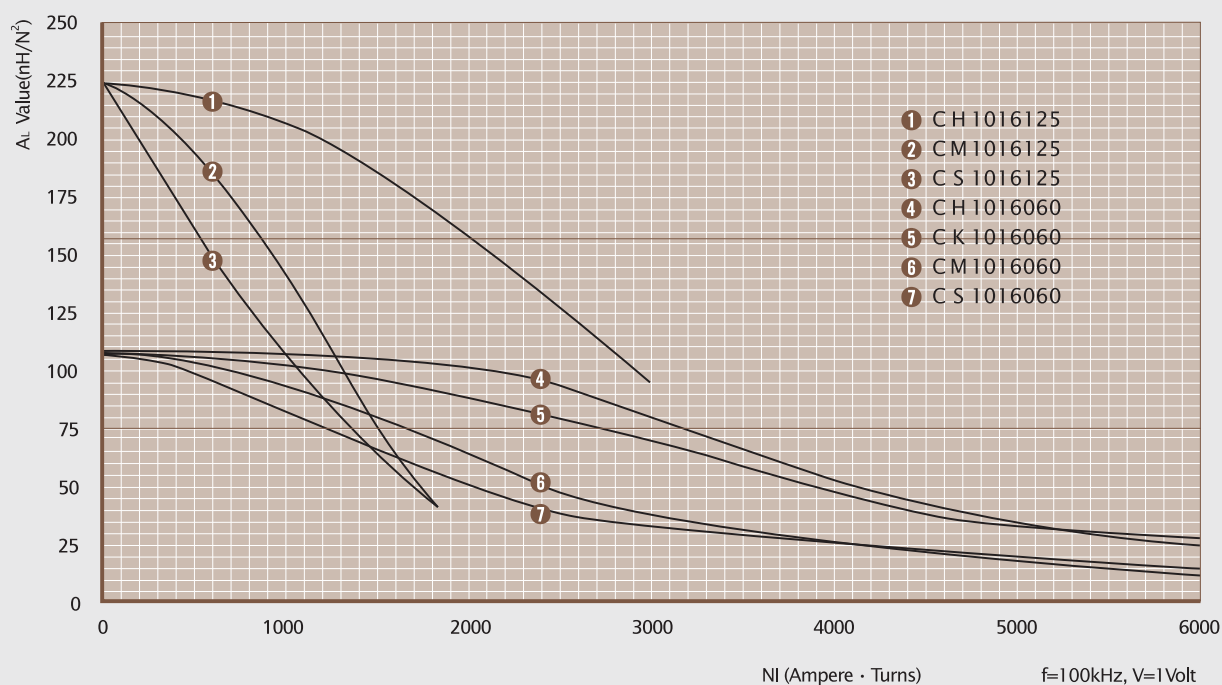
| AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω | AWG Wire No. Dia(cm) | Single Layer Turn Rdc, Ω |
|-------------------------|------------------------------------|-------------------------|------------------------------------|
| 10 0.267 | | 19 0.0980 | |
| 11 0.238 | | 20 0.0879 | |
| 12 0.213 | | 21 0.0785 | |
| 13 0.190 | | 22 0.0701 | |
| 14 0.171 | N · A | 23 0.0632 | N · A |
| 15 0.153 | | 24 0.0566 | |
| 16 0.137 | | 25 0.0505 | |
| 17 0.122 | | 26 0.0452 | |
| 18 0.109 | | 27 0.0409 | |

Single layer winding with 1 inch leads

Available Cores

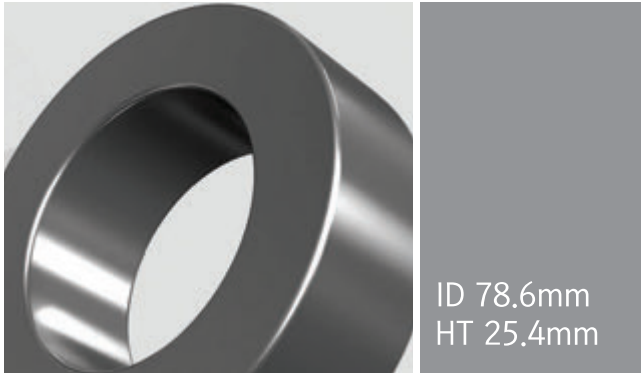
| Part No. | | | | AL (nH/N ²) | Perm. (μ) |
|-----------|-----------|-----------|------------------------|----------------------------|--------------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM1016026 | CH1016026 | CS1016026 | CK1016026 | 48 | 26 |
| CM1016060 | CH1016060 | CS1016060 | CK1016060 | 112 | 60 |
| CM1016125 | CH1016125 | CS1016125 | - | 228 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

■ AL vs NI Curve(60 μ , 125 μ)



OD1325

OD 132.5mm / 5.217inches



Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|--------------------------|--------|---------|---------|---------|
| Before coating | (mm) | 132.5 | 78.6 | 25.4 |
| | (inch) | 5.217 | 3.094 | 1.000 |
| After coating (Epoxy) | (mm) | 134.2 | 77.0 | 26.8 |
| | (inch) | 5.283 | 3.032 | 1.055 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W _a) | Volume (V) |
|----------------------|--------------------|----------------------------------|-----------------------|
| 6.71cm ² | 32.42cm | 46.61cm ² | 217.58cm ³ |
| 1.040in ² | 12.77in | 9,199,089cmil | 13.28in ³ |

Available Cores

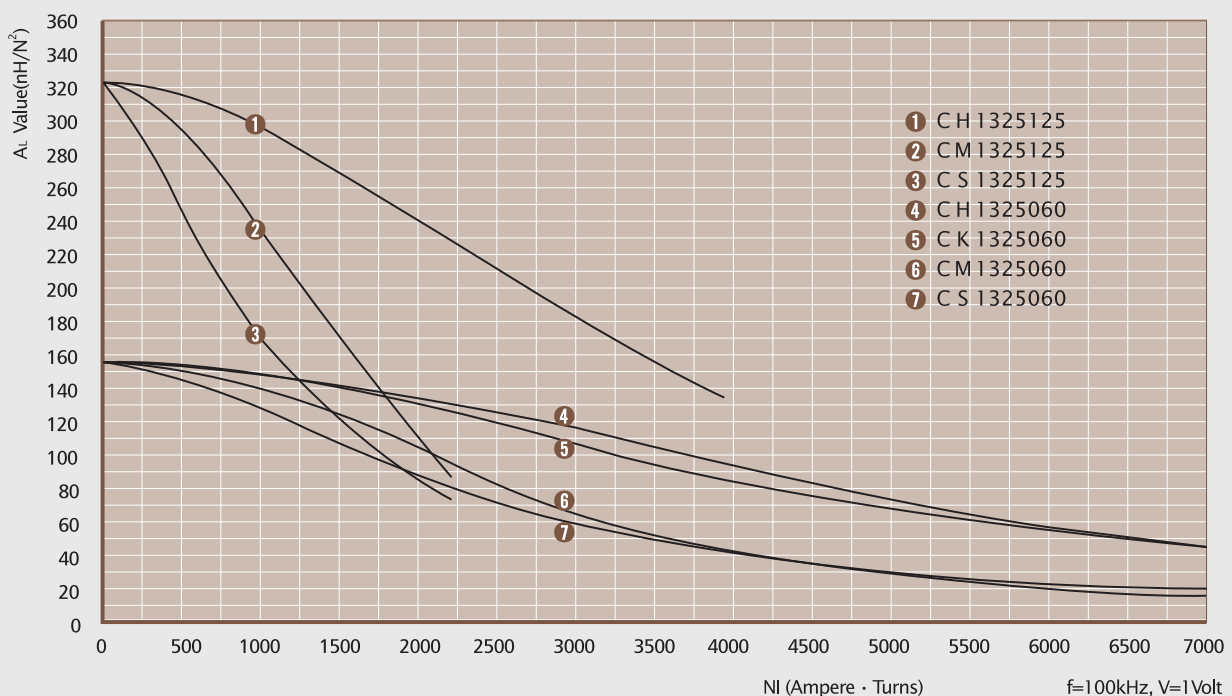
| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|-----------|-----------|-----------|------------------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux [®] | | |
| CM1325026 | CH1325026 | CS1325026 | CK1325026 | 68 | 26 |
| CM1325060 | CH1325060 | CS1325060 | CK1325060 | 156 | 60 |
| CM1325125 | CH1325125 | CS1325125 | - | 325 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

Winding Information

| AWG Wire | | Single Layer | | AWG Wire | | Single Layer | |
|----------|---------|--------------|--------|----------|---------|--------------|--------|
| No. | Dia(cm) | Turn | Rdc, Ω | No. | Dia(cm) | Turn | Rdc, Ω |
| 10 | 0.267 | | | 19 | 0.0980 | | |
| 11 | 0.238 | | | 20 | 0.0879 | | |
| 12 | 0.213 | | | 21 | 0.0785 | | |
| 13 | 0.190 | | | 22 | 0.0701 | | |
| 14 | 0.171 | N · A | | 23 | 0.0632 | N · A | |
| 15 | 0.153 | | | 24 | 0.0566 | | |
| 16 | 0.137 | | | 25 | 0.0505 | | |
| 17 | 0.122 | | | 26 | 0.0452 | | |
| 18 | 0.109 | | | 27 | 0.0409 | | |

Single layer winding with 1 inch leads

■ A_L vs NI Curve(60μ, 125μ)



OD1625

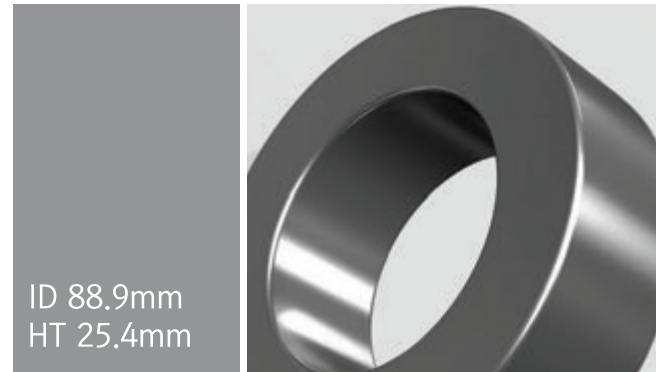
Core Dimensions

| | | OD(max) | ID(min) | HT(max) |
|-----------------------|--------|---------|---------|---------|
| Before coating | (mm) | 165.0 | 88.9 | 25.4 |
| | (inch) | 6.496 | 3.500 | 1.000 |
| After coating (Epoxy) | (mm) | 167.2 | 86.9 | 27.3 |
| | (inch) | 6.583 | 3.421 | 1.075 |

Magnetic Dimensions

| Cross Section (A) | Path Length (ℓ) | Window Area (W _a) | Volume (V) |
|----------------------|-----------------|-------------------------------|-----------------------|
| 9.46cm ² | 38.65cm | 59.31cm ² | 365.63cm ³ |
| 1.466in ² | 15.22in | 11,704,978cmil | 22.31in ³ |

OD 165.0mm / 6.496inches



Winding Information

| AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω | AWG Wire No. | Dia(cm) | Single Layer Turn | Rdc, Ω |
|--------------|---------|-------------------|--------|--------------|---------|-------------------|--------|
| 10 | 0.267 | | | 19 | 0.0980 | | |
| 11 | 0.238 | | | 20 | 0.0879 | | |
| 12 | 0.213 | | | 21 | 0.0785 | | |
| 13 | 0.190 | | | 22 | 0.0701 | | |
| 14 | 0.171 | N · A | | 23 | 0.0632 | N · A | |
| 15 | 0.153 | | | 24 | 0.0566 | | |
| 16 | 0.137 | | | 25 | 0.0505 | | |
| 17 | 0.122 | | | 26 | 0.0452 | | |
| 18 | 0.109 | | | 27 | 0.0409 | | |

Single layer winding with 1 inch leads

Available Cores

| Part No. | | | | A _L (nH/N ²) | Perm. (μ) |
|-----------|-----------|-----------|------------|--|--------------|
| MPP | High Flux | Sendust | Mega Flux® | | |
| CM1625026 | CH1625026 | CS1625026 | CK1625026 | 80 | 26 |
| CM1625060 | CH1625060 | CS1625060 | CK1625060 | 184 | 60 |
| CM1625125 | CH1625125 | CS1625125 | - | 384 | 125 |
| - | - | - | - | - | 147 |
| - | - | - | - | - | 160 |
| - | - | - | - | - | 173 |
| - | - | - | - | - | 200 |

■ A_L vs NI Curve(60μ, 125μ)

