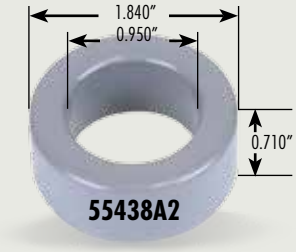
# 46.7 mm OD

| Core Dimensions | OD(max) | ID(min) | HT(max) |
|---|---|---|---|
| Before Finish (nominal) | 46.70 mm/1.840 in | 24.1 mm/0.950 in | 18.0 mm/0.710 in |
| After Finish (limits) | 47.63 mm/1.875 in | 23.3 mm/0.918 in | 19.0 mm/0.745 in |




| Permeability (μ) | $A_L$ ± 8% | Part Number | | | |
|---|---|---|---|---|---|
| | | MPP | High Flux | Kool Mμ® | XFlux® |
| 14 | 32 | 55441 | 58441 | - | - |
| 26 | 59 | 55440 | 58440 | 77440 | 78440 |
| 40 | 90 | - | - | 77431 | - |
| 60 | 135 | 55439 | 58439 | 77439 | 78439 |
| 75 | 169 | - | - | 77443 | - |
| 90 | 202 | - | - | 77442 | - |
| 125 | 281 | 55438 | 58438 | 77438 | - |
| 147 | 330 | 55437 | 58437 | - | - |
| 160 | 360 | 55436 | - | - | - |
| 173 | 390 | 55432 | - | - | - |
| 200 | 450 | 55435 | - | - | - |
| 300 | 674 | 55433 | - | - | - |

| Physical Characteristics | |
|---|---|
| Window Area | 427 $mm^2$ |
| Cross Section | 199 $mm^2$ |
| Path Length | 107 mm |
| Volume | 21,300 $mm^3$ |
| Weight- MPP | 180 g |
| Weight- High Flux | 170 g |
| Weight- Kool Mμ | 130 g |
| Weight - XFlux | 150 g |
| Area Product | 85,900 $mm^4$ |

| Wound Coil Dimensions | | |
|---|---|---|
| 40% Winding Factor | OD | 51.2 mm |
| | HT | 26.0 mm |
| Completely Full Window | Max OD | 63.8 mm |
| | Max HT | 38.7 mm |

| Winding Turn Length * Reference General Winding Data pages | |
|---|---|
| Winding Factor | Length/Turn (mm) |
| 0% | 62.1 |
| 20% | 68.2 |
| 25% | 69.7 |
| 30% | 70.9 |
| 35% | 72.7 |
| 40% | 74.1 |
| 45% | 76.0 |
| 50% | 77.6 |
| 60% | 81.2 |
| 70% | 85.4 |

| Surface Area | |
|---|---|
| Unwound Core | 6,900 $mm^2$ |
| 40% Winding Factor | 9,600 $mm^2$ |

Kool Mμ $A_L$ vs. DC Bias