# 00K6527E040

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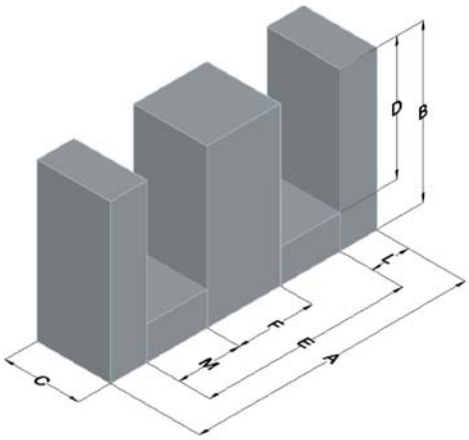


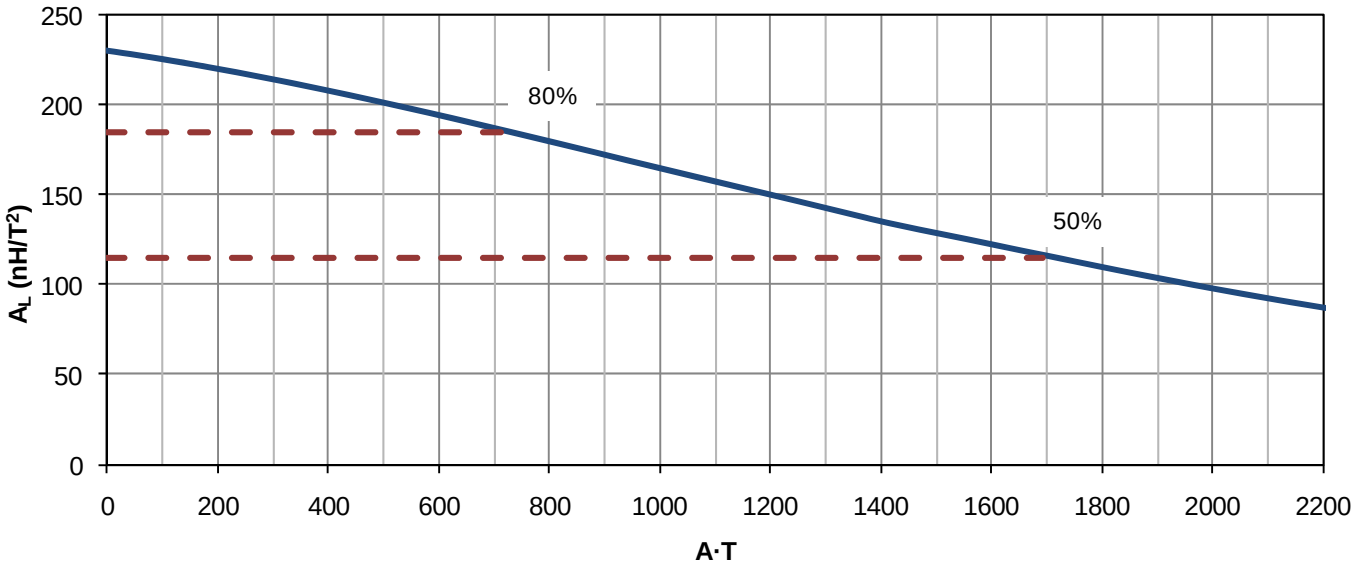

| Kool Mμ Permeability (μ) | $A_L$ ($nH/T^2$) | Core Marking | |
|---|---|---|---|
| | | Lot Number | Part number |
| 40 | 230 ± 8% | XXXXXX | K6527E040 |

| | Dimensions | | Tolerance (±) | | | Packaging |
|---|---|---|---|---|---|---|
| | (mm) | (in) | (mm) | (in) | | |
| A | 65.15 | 2.565 | 1.27 | 0.050 | | Cardboard cut-outs<br>Box Qty= 54 pcs |
| B | 32.51 | 1.280 | 0.381 | 0.015 | | |
| C | 27.0 | 1.063 | 0.406 | 0.016 | | |
| D | 22.1 | 0.874 | - | - | Min | Available Hardware |
| E | 44.19 | 1.740 | - | - | Min | 00B652701 |
| F | 19.7 | 0.774 | 0.356 | 0.014 | | |
| L | 10.0 | 0.394 | - | - | Nom | |
| M | 12.0 | 0.476 | - | - | Min | |

| Electrical Characteristics | | Physical Characteristics | | | | | |
|---|---|---|---|---|---|---|---|
| Watt Loss @ 100 kHz, 100mT max($mW/cm^3$) | DC Bias min (A·T/cm) | Break Strength min (kg) | Window Area $W_A$($mm^2$) | Cross Section $A_e$ ($mm^2$) | Path Length $L_e$ (mm) | Volume $V_e$ ($mm^3$) | Weight (Ea. Piece) (g) |
| 1250 | 80%<br>35.7 | 68 | 530 | 540 | 147 | 79,400 | 220 |

| Notes: | Temperature Rating |
|---|---|
| | Curie Temp: 500˚C |

## Typical DC Bias Performance




Revision 1/30/2014