

|                         | Symbol             | Unit              | Measuring Conditions |             |       | Low Permeability Material |
|-------------------------|--------------------|-------------------|----------------------|-------------|-------|---------------------------|
|                         |                    |                   | Freq.                | Flux den.   | Temp. | L5                        |
| Initial Permeability    | $\mu_i$            |                   | $\leq 10\text{kHz}$  | 0.25mT      | 25°C  | 120 $\pm$ 25%             |
| Saturation Flux Density | Bs                 | mT                | 10kHz                | H = 4000A/m | 25°C  | 390                       |
| Remanence               | Br                 | mT                | 10kHz                | H = 4000A/m | 25°C  | 175                       |
| Coercivity              | Hc                 | A/m               | 10kHz                | H = 4000A/m | 25°C  | 140                       |
| Relative Loss Factor    | $\tan\delta/\mu_i$ | 10 <sup>-6</sup>  | 100kHz               | < 0.25mT    | 25°C  | 350                       |
| Curie Temperature       | Tc                 | °C                |                      |             |       | $\geq 250$                |
| Resistivity             | $\rho$             | $\Omega\text{m}$  |                      |             |       | > 10 <sup>6</sup>         |
| Density                 | d                  | g/cm <sup>3</sup> |                      |             |       | 5.10                      |

Note: Material characteristics are typical for a toroid core.

Product specification will differ from these data due to the influence of geometry and size.

