



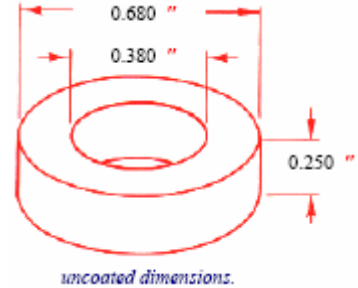
# Sailcrest Magnetics Material Group.

## Core Data Sheet

**Part Number:** G23-75

**Core Dimensions:**

|                             |              |
|-----------------------------|--------------|
| Before coating(tol.+/-0.25) | Aftercoating |
| OD(mm) 17.30                | (max)18.23   |
| ID(mm) 9.65                 | (min)8.82    |
| HD(mm) 6.35                 | (max)7.31    |



**Physical Characteristics:**

|                                |   |                                |       |
|--------------------------------|---|--------------------------------|-------|
| Winding area(cm <sup>2</sup> ) | 0.66  | Surface area(cm <sup>2</sup> ) | 13.53 |
| Probably Weight(g)             | 5.90  |                                |       |
| Coating                        | Epoxy.dark black,0.2mm approx .per surface.Voltage breakdown 500Vac |                                |       |
| Packing                        | Not available   |                                |       |

**Material:**

|                          |              |
|--------------------------|--------------|
| Grade                    | 75           |
| Initial Permeability(ui) | 125          |
| AL(nH)                   | 89+/-8%      |
| Description              | SENDUST CORE |

**Eletrical Data:**

|             |        |
|-------------|--------|
| AL norm(nH) | 89.00  |
| AL max(nH)  | 96.124 |
| AL min(nH)  | 81.88  |

**Magnetic Dimensions:**

|                                    |        |
|------------------------------------|--------|
| C <sub>l</sub> (cm <sup>-1</sup> ) | 17.844 |
| Le(cm)                             | 4.140  |
| Ae(cm <sup>2</sup> )               | 0.232  |
| Ve(cm <sup>3</sup> )               | 0.960  |

**Special Comments**

- 1.
- 2.
- 3.

Note:the right to change specification as required without notice is reserved

