



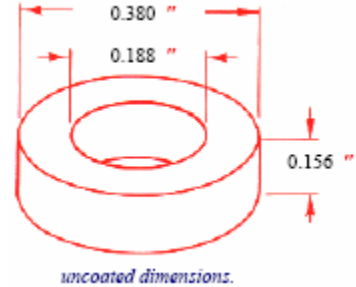
# Sailcrest Magnetics Material Group.

## Core Data Sheet

**Part Number: G51A-74**

**Core Dimensions:**

|                             |              |
|-----------------------------|--------------|
| Before coating(tol.+/-0.25) | Aftercoating |
| OD(mm) 9.65                 | (max)10.49   |
| ID(mm) 4.78                 | (min)4.07    |
| HD(mm) 3.96                 | (max)4.80    |



**Physical Characteristics:**

|                                |   |                                |      |
|--------------------------------|---|--------------------------------|------|
| Winding area(cm <sup>2</sup> ) | 0.14  | Surface area(cm <sup>2</sup> ) | 4.16 |
| Probably Weight(g)             | 1.44  |                                |      |
| Coating                        | Epoxy.dark black,0.2mm approx .per surface.Voltage breakdown 500Vac |                                |      |
| Packing                        | Not available   |                                |      |

**Material:**

|                          |              |
|--------------------------|--------------|
| Grade                    | 74           |
| Initial Permeability(ui) | 75           |
| AL(nH)                   | 40+/-8%      |
| Description              | SENDUST CORE |

**Eletrical Data:**

|             |       |
|-------------|-------|
| AL norm(nH) | 40.00 |
| AL max(nH)  | 43.20 |
| AL min(nH)  | 36.80 |

**Magnetic Dimensions:**

|                                    |        |
|------------------------------------|--------|
| C <sub>l</sub> (cm <sup>-1</sup> ) | 23.191 |
| Le(cm)                             | 2.180  |
| Ae(cm <sup>2</sup> )               | 0.094  |
| Ve(cm <sup>3</sup> )               | 0.206  |

**Special Comments**

- 1.
- 2.
- 3.

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

