



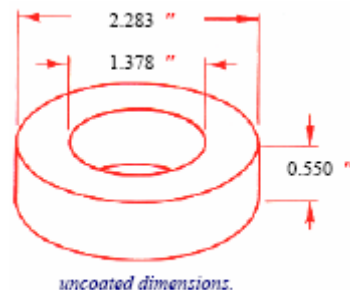
## Sailcrest Magnetics Material Group.

### Core Data Sheet

**Part Number:** G2B-79

**Core Dimensions:**

|                              |              |
|------------------------------|--------------|
| Before coating(tol. +/-0.25) | Aftercoating |
| OD(mm) 57.20                 | (max)58.20   |
| ID(mm) 35.60                 | (min)34.50   |
| HD(mm) 14.00                 | (max)15.06   |



**Physical Characteristics:**

|                                |                                                                     |                                |        |
|--------------------------------|---------------------------------------------------------------------|--------------------------------|--------|
| Winding area(cm <sup>2</sup> ) | 9.35                                                                | Surface area(cm <sup>2</sup> ) | 142.41 |
| Probably Weight(g)             | 127                                                                 |                                |        |
| Coating                        | Epoxy.dark black,0.2mm approx .per surface.Voltage breakdown 500Vac |                                |        |
| Packing                        | Not available                                                       |                                |        |

**Material:**

|                          |              |
|--------------------------|--------------|
| Grade                    | 79           |
| Initial Permeability(ui) | 90           |
| AL(nH)                   | 112+/-8%     |
| Description              | SENDUST CORE |

**Eletrical Data:**

|             |        |
|-------------|--------|
| AL norm(nH) | 112.00 |
| AL max(nH)  | 120.96 |
| AL min(nH)  | 103.04 |

**Magnetic Dimensions:**

|                                    |        |
|------------------------------------|--------|
| C <sub>1</sub> (cm <sup>-1</sup> ) | 9.903  |
| Le(cm)                             | 14.300 |
| Ae(cm <sup>2</sup> )               | 1.444  |
| Ve(cm <sup>3</sup> )               | 20.650 |

**Special Comments**

- 1.
- 2.
- 3.

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

