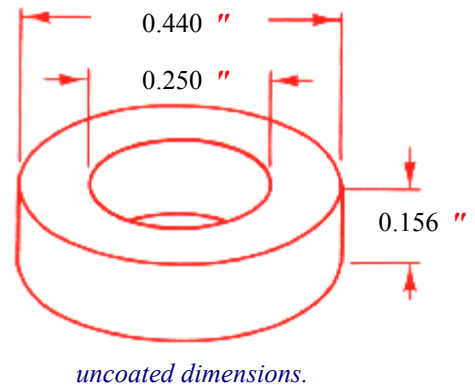


# Core Data Sheet

**Part Number:** G65-97

**Core Dimensions:**

Uncoated (tol. +/-0.25)	After coating	
OD (mm) 11.18	(max)	11.83
ID (mm) 6.35	(min)	5.70
HT (mm) 3.96	(max)	4.61



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	0.27	Strength (N) typ.	68.6
Surface area (cm <sup>2</sup> )	5.65	Weight (grams) typ.	2.11
Coating	Epoxy, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

**Material:**

Grade	97		
Initial Permeability (μi)	160	tol +/-	12
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		

**Electrical Data:**

AL norm (nH)	68.00
AL max. (nH)	73.44
AL min. (nH)	62.56
DC bias at 0.8μi (Oe) typ.	20
Power Losses (mW/cm <sup>3</sup> ) typ. 50kHz, 1000gauss	400
Total Losses (ohms/H/μi) typ. < 20gauss	0.2

**Magnetic Dimensions:**

C1 (mm-1)	2.9555
Le (mm)	26.1
Ae (mm <sup>2</sup> )	8.8
Ve (mm <sup>3</sup> )	230.8

**Special Comments**

- 1.
2. AL band is +/- 12% for DuraFlux
- 3.

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