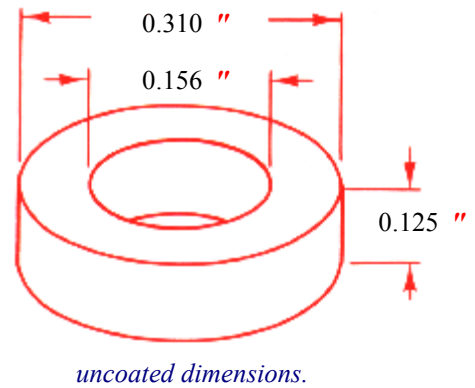


# Core Data Sheet

**Part Number: G63-93**

**Core Dimensions:**

Uncoated (tol. +/-0.25)		After coating
OD (mm)	7.87 (max)	8.52
ID (mm)	3.96 (min)	3.31
HT (mm)	3.18 (max)	3.83



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	0.09	Strength (N) typ.	44.0
Surface area (cm <sup>2</sup> )	2.77	Weight (grams) typ.	0.83
Coating	Epoxy, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

**Material:**

Grade	93		
Initial Permeability (μi)	60	tol +/-	5
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		

**Electrical Data:**

AL norm (nH)	25.00
AL max. (nH)	27.00
AL min. (nH)	23.00
DC bias at 0.8μi (Oe) typ.	50
Power Losses (mW/cm <sup>3</sup> ) typ. 50kHz, 1000gauss	500
Total Losses (ohms/H/μi) typ. < 20gauss	1.5

**Magnetic Dimensions:**

C1 (mm-1)	2.9999
Le (mm)	17.2
Ae (mm <sup>2</sup> )	5.7
Ve (mm <sup>3</sup> )	98.6

**Special Comments**

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

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

