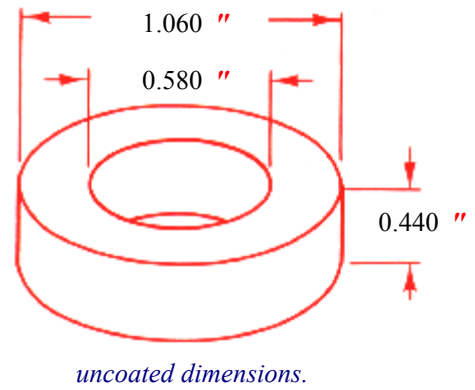


# Core Data Sheet

**Part Number:** G57-97

**Core Dimensions:**

Uncoated (tol. +/-0.25)	After coating	
OD (mm) 26.92	(max)	27.57
ID (mm) 14.73	(min)	14.08
HT (mm) 11.18	(max)	11.83



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	1.59	Strength (N) typ.	462.6
Surface area (cm <sup>2</sup> )	33.83	Weight (grams) typ.	35.67
Coating	Epoxy, Dark Blue, 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)	201.00	
AL max. (nH)	217.08	
AL min. (nH)	184.92	
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)	0.9904
Le (mm)	61.6
Ae (mm <sup>2</sup> )	62.2
Ve (mm <sup>3</sup> )	3833.8

**Special Comments**

- 1.
- 2.
- 3.

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