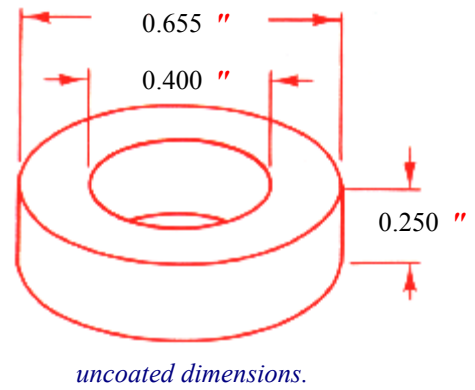


# Core Data Sheet

**Part Number:** G62-97

**Core Dimensions:**

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	16.64	(max)	17.29
ID (mm)	10.16	(min)	9.51
HT (mm)	6.35	(max)	7.00



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	0.73	Strength (N) typ.	148.5
Surface area (cm <sup>2</sup> )	13.22	Weight (grams) typ.	6.93
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)	92.00		
AL max. (nH)	99.36		
AL min. (nH)	84.64		
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)	2.0791
Le (mm)	40.4
Ae (mm <sup>2</sup> )	19.4
Ve (mm <sup>3</sup> )	786.5

**Special Comments**

- 1.
- 2.
- 3.

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

