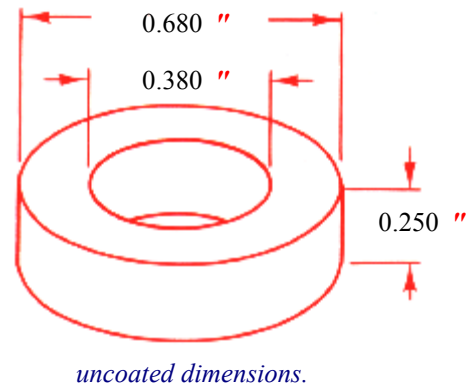


# Core Data Sheet

**Part Number: G23-96**

**Core Dimensions:**

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	17.27	(max)	17.92
ID (mm)	9.65	(min)	9.00
HT (mm)	6.35	(max)	7.00



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	0.66	Strength (N) typ.	173.3
Surface area (cm <sup>2</sup> )	13.53	Weight (grams) typ.	8.08
Coating	Epoxy, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

**Material:**

Grade	96		
Initial Permeability (μi)	147	tol +/-	12
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		

**Electrical Data:**

AL norm (nH)	105.00		
AL max. (nH)	113.40		
AL min. (nH)	96.60		
DC bias at 0.8μi (Oe) typ.	22		
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)	1.7884
Le (mm)	40.0
Ae (mm <sup>2</sup> )	22.4
Ve (mm <sup>3</sup> )	894.2

**Special Comments**

- 1.
- 2.
- 3.

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

