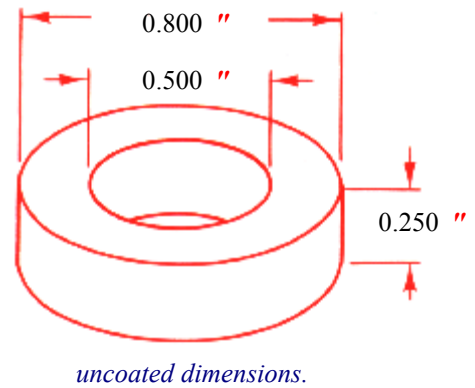


# Core Data Sheet

**Part Number: G29-98**

**Core Dimensions:**

Uncoated (tol. +/-0.25)		After coating
OD (mm)	20.32	(max) 20.97
ID (mm)	12.70	(min) 12.05
HT (mm)	6.35	(max) 7.00



**Physical Characteristics:**

Winding area (cm <sup>2</sup> )	1.17	Strength (N) typ.	175.0
Surface area (cm <sup>2</sup> )	18.88	Weight (grams) typ.	10.17
Coating	Epoxy, Dark Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

**Material:**

Grade	98		
Initial Permeability (μi)	173	tol +/-	12
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.		

**Electrical Data:**

AL norm (nH)	96.00	
AL max. (nH)	103.68	
AL min. (nH)	88.32	
DC bias at 0.8μi (Oe) typ.	18	
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)	2.2146
Le (mm)	50.0
Ae (mm <sup>2</sup> )	22.6
Ve (mm <sup>3</sup> )	1129.1

**Special Comments**

- 1.
- 2.
- 3.

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