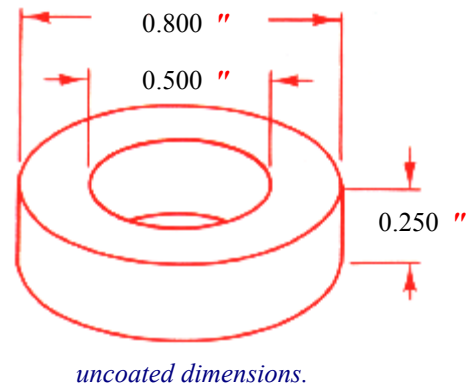


Core Data Sheet

Part Number: G29 - 83

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 ²)	1.17	Strength (N) typ.	175.0
Surface area (cm ²)	18.88	Weight (grams) typ.	8.53
Coating	Epoxy, Light Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

Material:

Grade	83		
Initial Permeability (μi)	60	tol +/-	5
Description	High Flux - gas atomized 80 /20 nickel-iron alloy powder		

Electrical Data:

AL norm (nH)	32.00
AL max. (nH)	34.56
AL min. (nH)	29.44
DC bias at 0.8μi (Oe) typ.	78
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	645
Total Losses (ohms/H/μi) typ. < 20gauss	0.0

Magnetic Dimensions:

C1 (mm-1)	2.2146
Le (mm)	50.0
Ae (mm ²)	22.6
Ve (mm ³)	1129.1

Special Comments

- 1.
- 2.
- 3.

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