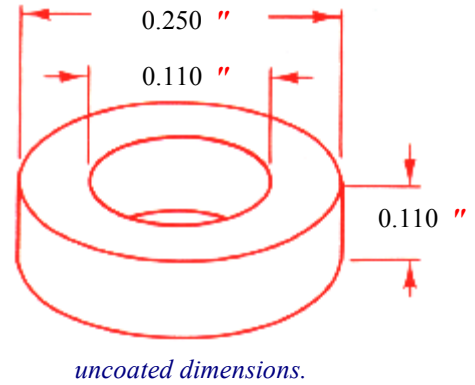


Core Data Sheet

Part Number: G22 - 83

Core Dimensions:

Uncoated (tol. +/-0.25)	After coating	
OD (mm) 6.35	(max)	7.00
ID (mm) 2.79	(min)	2.14
HT (mm) 2.79	(max)	3.44



Physical Characteristics:

Winding area (cm ²)	0.04	Strength (N) typ.	40.0
Surface area (cm ²)	1.76	Weight (grams) typ.	0.48
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)	24.00
AL max. (nH)	26.40
AL min. (nH)	21.60
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)	2.8789
Le (mm)	12.9
Ae (mm ²)	4.5
Ve (mm ³)	57.4

Special Comments

- AL band is +/- 10% for MPP & High Flux
- AL band is +/- 12% for DuraFlux

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