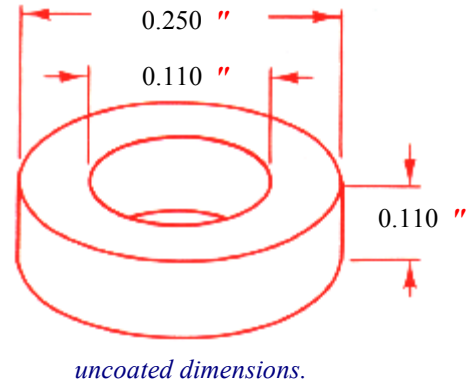


Core Data Sheet

Part Number: G22 - 87

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.	0.54
Coating	Epoxy, Light Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		
Material:			
Grade	87		
Initial Permeability (μi)	160	tol +/-	13
Description	High Flux - gas atomized 80 /20 nickel-iron alloy powder		
Electrical Data:		Magnetic Dimensions:	
AL norm (nH)	64.00	C1 (mm-1)	2.8789
AL max. (nH)	70.40	Le (mm)	12.9
AL min. (nH)	57.60	Ae (mm ²)	4.5
DC bias at 0.8μi (Oe) typ.	20	Ve (mm ³)	57.4
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss			600
Total Losses (ohms/H/μi) typ. < 20gauss			0.0
Special Comments			
2. AL band is +/- 10% for MPP & High Flux			
3. AL band is +/- 12% for DuraFlux			

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

