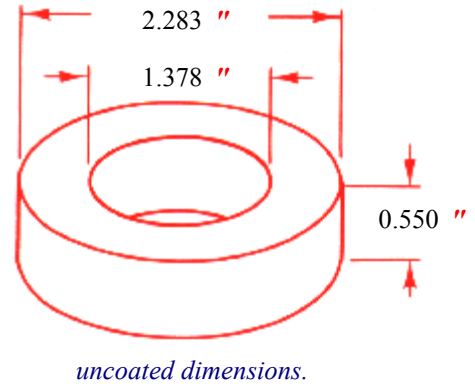


Core Data Sheet

Part Number: G2B- 87

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	58.00	(max)	58.65
ID (mm)	35.00	(min)	34.35
HT (mm)	13.97	(max)	14.62



Physical Characteristics:

Winding area (cm ²)	9.35	Strength (N) typ.	1059.7
Surface area (cm ²)	142.41	Weight (grams) typ.	178.39
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:

AL norm (nH)	200.00		
AL max. (nH)	216.00		
AL min. (nH)	184.00		
DC bias at 0.8μi (Oe) typ.	20		
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	600		
Total Losses (ohms/H/μi) typ. < 20gauss	0.0		

Magnetic Dimensions:

C1 (mm-1)	0.9556
Le (mm)	140.1
Ae (mm ²)	146.6
Ve (mm ³)	20525.5

Special Comments

- 1.
- 2.
3. Four coatings per side, approx 0.5mm. Breakdown > 2KV

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

