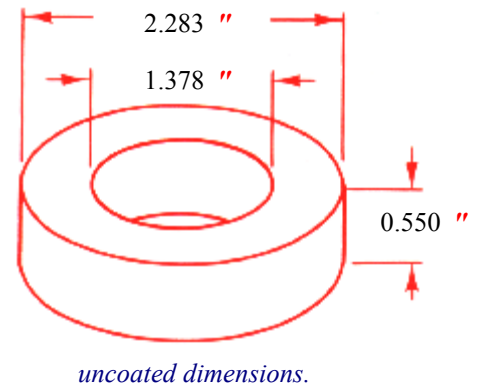


Core Data Sheet

Part Number: G2B- 83

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.	159.61
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)	75.00
AL max. (nH)	81.00
AL min. (nH)	69.00
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)	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.