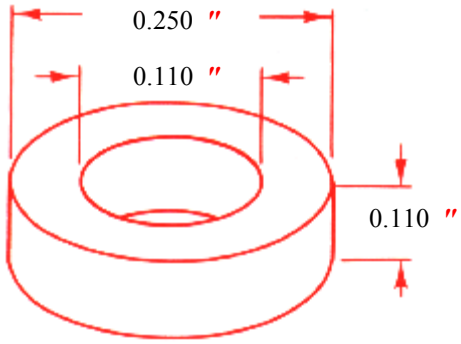
Core Data Sheet



uncoated dimensions.

Part Number: **G22 - 85**

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 (cm²)	0.04	Strength (N) typ.	40.0
Surface area (cm²)	1.76	Weight (grams) typ.	0.53

Coating: Epoxy, Light Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.

Packing: Not available.

Material:

Grade: 85

Initial Permeability (µi): 125 tol +/- 10

Description: High Flux - gas atomized 80 /20 nickel-iron alloy powder

Electrical Data:

AL norm (nH)	50.00
AL max. (nH)	55.00
AL min. (nH)	45.00
DC bias at 0.8µi (Oe) typ.	35
Power Losses (mW/cm³) typ. 50kHz, 1000gauss	600
Total Losses (ohms/H/µi) typ. < 20gauss	0.0

Magnetic Dimensions:

C1 (mm-1)	2.8789
Le (mm)	12.9
Ae (mm²)	4.5
Ve (mm³)	57.4

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.