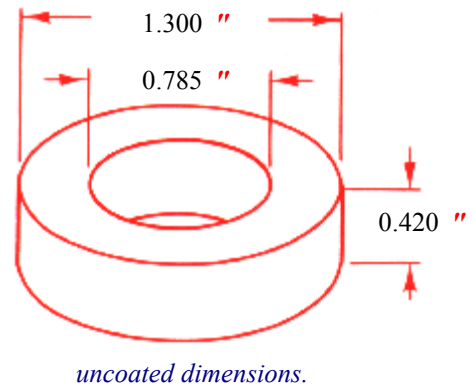


Core Data Sheet

Part Number: G56A-85

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating
OD (mm)	33.02	(max) 33.67
ID (mm)	19.94	(min) 19.29
HT (mm)	10.67	(max) 11.32



Physical Characteristics:

Winding area (cm ²)	2.97	Strength (N) typ.	472.0
Surface area (cm ²)	49.46	Weight (grams) typ.	42.96
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)	127.00	
AL max. (nH)	137.16	
AL min. (nH)	116.84	
DC bias at 0.8μi (Oe) typ.	35	
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	600	
Total Losses (ohms/H/μi) typ. < 20gauss	0.0	

Magnetic Dimensions:

C1 (mm-1)	1.2335
Le (mm)	79.8
Ae (mm ²)	64.7
Ve (mm ³)	5157.8

Special Comments

- 1.
- 2.
- 3.

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