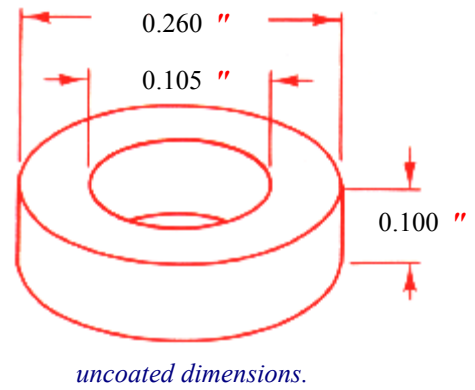


Core Data Sheet

Part Number: G64B-85

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	6.60	(max)	7.25
ID (mm)	2.67	(min)	2.02
HT (mm)	2.54	(max)	3.19



Physical Characteristics:			
Winding area (cm ²)	0.04	Strength (N) typ.	40.0
Surface area (cm ²)	1.77	Weight (grams) typ.	0.54
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:		Magnetic Dimensions:	
AL norm (nH)	54.00	C1 (mm-1)	2.9261
AL max. (nH)	59.40	Le (mm)	12.7
AL min. (nH)	48.60	Ae (mm ²)	4.4
DC bias at 0.8μi (Oe) typ.	35	Ve (mm ³)	55.5
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	600		
Total Losses (ohms/H/μi) typ. < 20gauss	0.0		
Special Comments			
1.			
2. AL band is +/- 10% for MPP & High Flux			
3.			

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

