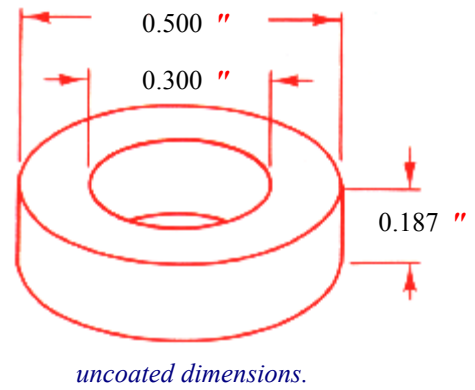


Core Data Sheet

Part Number: G60 - 87

Core Dimensions:

Uncoated (tol. +/-0.25)	After coating	
OD (mm) 12.70	(max)	13.35
ID (mm) 7.62	(min)	6.97
HT (mm) 4.75	(max)	5.40



Physical Characteristics:			
Winding area (cm ²)	0.40	Strength (N) typ.	87.0
Surface area (cm ²)	7.59	Weight (grams) typ.	2.93
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:		Magnetic Dimensions:	
AL norm (nH)	72.00	C1 (mm-1)	2.6940
AL max. (nH)	77.76	Le (mm)	30.6
AL min. (nH)	66.24	Ae (mm ²)	11.3
DC bias at 0.8μi (Oe) typ.	20	Ve (mm ³)	346.9
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	600		
Total Losses (ohms/H/μi) typ. < 20gauss	0.0		
Special Comments			
1.			
2.			
3.			

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