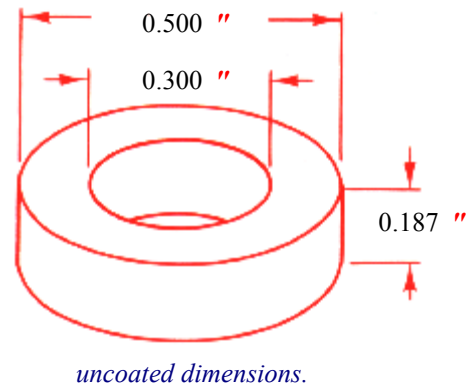


# Core Data Sheet

**Part Number: G60-86**

**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



<b>Physical Characteristics:</b>			
Winding area (cm <sup>2</sup> )	0.40	Strength (N) typ.	87.0
Surface area (cm <sup>2</sup> )	7.59	Weight (grams) typ.	2.89
Coating	Epoxy, Light Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		
<b>Material:</b>			
Grade	86		
Initial Permeability (μi)	147	tol +/-	12
Description	High Flux - gas atomized 80 /20 nickel-iron alloy powder		
<b>Electrical Data:</b>		<b>Magnetic Dimensions:</b>	
AL norm (nH)	67.00	C1 (mm-1)	2.6940
AL max. (nH)	72.36	Le (mm)	30.6
AL min. (nH)	61.64	Ae (mm <sup>2</sup> )	11.3
DC bias at 0.8μi (Oe) typ.	24	Ve (mm <sup>3</sup> )	346.9
Power Losses (mW/cm <sup>3</sup> ) typ. 50kHz, 1000gauss	600		
Total Losses (ohms/H/μi) typ. < 20gauss	0.0		
<b>Special Comments</b>			
1.			
2.			
3.			

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

