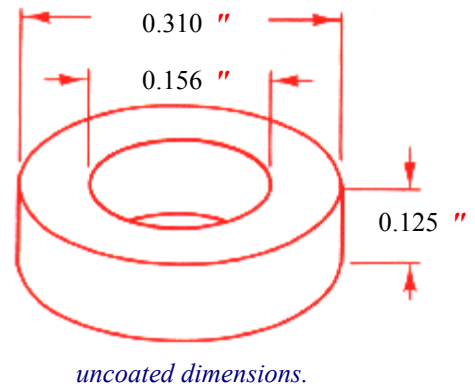


Core Data Sheet

Part Number: G63-87

Core Dimensions:

Uncoated (tol. +/-0.25)		After coating	
OD (mm)	7.87	(max)	8.52
ID (mm)	3.96	(min)	3.31
HT (mm)	3.18	(max)	3.83



Physical Characteristics:			
Winding area (cm ²)	0.09	Strength (N) typ.	44.0
Surface area (cm ²)	2.77	Weight (grams) typ.	0.88
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)	66.00	C1 (mm-1)	2.9999
AL max. (nH)	71.28	Le (mm)	17.2
AL min. (nH)	60.72	Ae (mm ²)	5.7
DC bias at 0.8μi (Oe) typ.	20	Ve (mm ³)	98.6
Power Losses (mW/cm ³) typ. 50kHz, 1000gauss	600		
Total Losses (ohms/H/μi) typ. < 20gauss	0.0		
Special Comments			
<ol style="list-style-type: none"> 1. 2. AL band is +/- 12% for DuraFlux 3. 			

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

