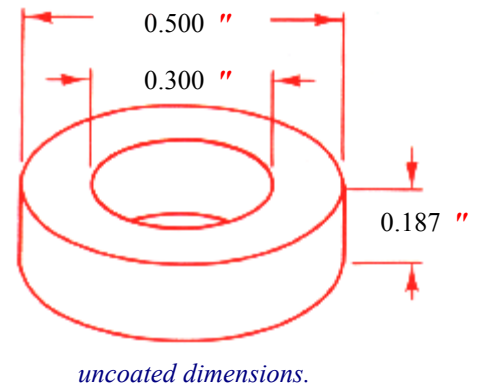


# Core Data Sheet

**Part Number:** G60 - 96

## 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 <sup>2</sup> )	0.40	Strength (N) typ.	87.0
Surface area (cm <sup>2</sup> )	7.59	Weight (grams) typ.	3.04
Coating	Epoxy, Dark Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac.		
Packing	Not available.		

## Material:

Grade	96
Initial Permeability (μi)	147 tol +/- 12
Description	MPP - gas atomized 80 /20 nickel-iron alloy powder.

## Electrical Data:

AL norm (nH)	67.00
AL max. (nH)	72.36
AL min. (nH)	61.64
DC bias at 0.8μi (Oe) typ.	22
Power Losses (mW/cm <sup>3</sup> ) typ. 50kHz, 1000gauss	400
Total Losses (ohms/H/μi) typ. < 20gauss	0.2

## Magnetic Dimensions:

C1 (mm-1)	2.6940
Le (mm)	30.6
Ae (mm <sup>2</sup> )	11.3
Ve (mm <sup>3</sup> )	346.9

## Special Comments

- 1.
- 2.
- 3.

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