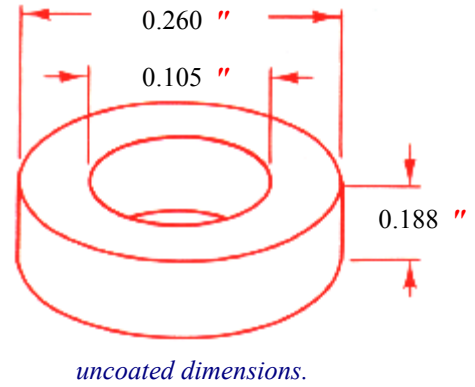


Core Data Sheet

Part Number: G64-97

Core Dimensions:

| Uncoated (tol. +/-0.25) | After coating | |
|-------------------------|---------------|------|
| OD (mm) 6.60 | (max) | 7.25 |
| ID (mm) 2.67 | (min) | 2.02 |
| HT (mm) 4.78 | (max) | 5.43 |



Physical Characteristics:

| | | | |
|---------------------------------|--|---------------------|------|
| Winding area (cm ²) | 0.04 | Strength (N) typ. | 64.7 |
| Surface area (cm ²) | 2.28 | Weight (grams) typ. | 1.09 |
| Coating | Epoxy, 0.2 mm approx. per surface. Voltage breakdown 500Vac. | | |
| Packing | Not available. | | |

Material:

| | | | |
|---------------------------|---|---------|----|
| Grade | 97 | | |
| Initial Permeability (μi) | 160 | tol +/- | 12 |
| Description | MPP - gas atomized 80 /20 nickel-iron alloy powder. | | |

Electrical Data:

| | | |
|--|--------|--|
| AL norm (nH) | 132.00 | |
| AL max. (nH) | 145.20 | |
| AL min. (nH) | 118.80 | |
| DC bias at 0.8μi (Oe) typ. | 20 | |
| Power Losses (mW/cm ³) typ. 50kHz, 1000gauss | 400 | |
| Total Losses (ohms/H/μi) typ. < 20gauss | 0.2 | |

Magnetic Dimensions:

| | |
|-----------------------|--------|
| C1 (mm-1) | 1.5051 |
| Le (mm) | 12.7 |
| Ae (mm ²) | 8.5 |
| Ve (mm ³) | 108.0 |

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.