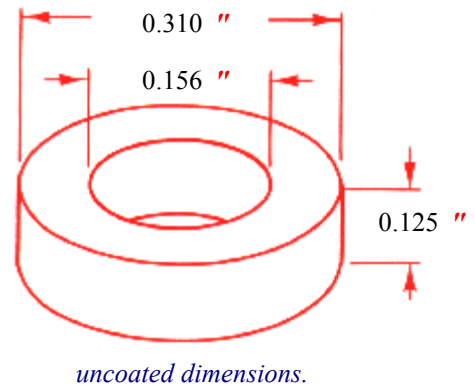


Core Data Sheet

Part Number: G63-95

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. | 0.90 |
| Coating | Epoxy, Dark Blue, 0.2 mm approx. per surface. Voltage breakdown 500Vac. | | |
| Packing | Not available. | | |

Material:

| | | | |
|---------------------------|---|---------|----|
| Grade | 95 | | |
| Initial Permeability (μi) | 125 | tol +/- | 10 |
| Description | MPP - gas atomized 80 /20 nickel-iron alloy powder. | | |

Electrical Data:

| | | |
|--|-------|--|
| AL norm (nH) | 52.00 | |
| AL max. (nH) | 56.16 | |
| AL min. (nH) | 47.84 | |
| DC bias at 0.8μi (Oe) typ. | 25 | |
| Power Losses (mW/cm ³) typ. 50kHz, 1000gauss | 400 | |
| Total Losses (ohms/H/μi) typ. < 20gauss | 0.2 | |

Magnetic Dimensions:

| | |
|-----------------------|--------|
| C1 (mm-1) | 2.9999 |
| Le (mm) | 17.2 |
| Ae (mm ²) | 5.7 |
| Ve (mm ³) | 98.6 |

Special Comments

- 1.
2. AL band is +/- 12% for DuraFlux
- 3.

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