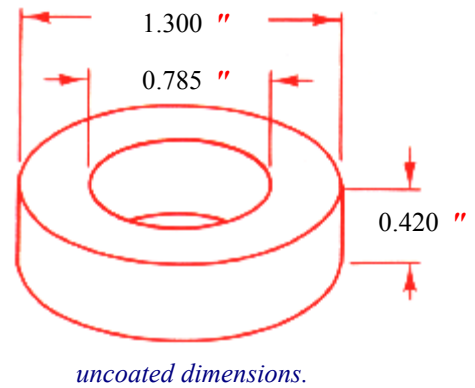


Core Data Sheet

Part Number: G56A-96

Core Dimensions:

| Uncoated (tol. +/-0.25) | | After coating |
|-------------------------|-------|---------------|
| OD (mm) | 33.02 | (max) 33.67 |
| ID (mm) | 19.94 | (min) 19.29 |
| HT (mm) | 10.67 | (max) 11.32 |



Physical Characteristics:

| | | | |
|---------------------------------|---|---------------------|-------|
| Winding area (cm ²) | 2.97 | Strength (N) typ. | 472.0 |
| Surface area (cm ²) | 49.46 | Weight (grams) typ. | 45.87 |
| 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) | 150.00 |
| AL max. (nH) | 162.00 |
| AL min. (nH) | 138.00 |
| DC bias at 0.8μi (Oe) typ. | 22 |
| Power Losses (mW/cm ³) typ. 50kHz, 1000gauss | 400 |
| Total Losses (ohms/H/μi) typ. < 20gauss | 0.2 |

Magnetic Dimensions:

| | |
|-----------------------|--------|
| C1 (mm-1) | 1.2335 |
| Le (mm) | 79.8 |
| Ae (mm ²) | 64.7 |
| Ve (mm ³) | 5157.8 |

Special Comments

- 1.
- 2.
- 3.

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