

Part Number: 9643001015

43 BOBBIN GROUND

Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade
- Last digit 8 = Coated Bobbin

Bobbins are an economical and well-proven core design for many applications where relatively low but stable inductance values are required.

For higher frequency designs, use small bobbins in 43 material® .

□

For power applications, bobbins in 77 material are specified for A_L and dc bias limits.

Bobbins in Figures 2-5 can be supplied with a uniform thermo-set plastic coating which can withstand a minimum breakdown of 500Vrms. This coating will change the dimensions a maximum of 0.5 mm (0.020"). The last digit of the thermo-set plastic coated part is an "8".

□For any bobbin requirement not listed in the catalog, please contact our customer service group for availability and pricing.

[Catalog Drawing](#)

[3D Model](#)

Weight: 6.7 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A | 9.55 | -0.15 | 0.373 | - |
| B | 19 | ±0.70 | 0.748 | - |
| D | 12.7 | ±0.15 | 0.5 | - |
| F | 4.65 | +0.20 | 0.187 | - |
| G | 1 | +0.25 | 0.044 | - |
| H | 1.03 | +0.10 | 0.043 | - |

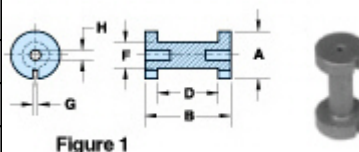



Chart Legend

A_L : Inductance Factor , N_I : Value of dc Ampere-turns, A_w :Winding Area,

N/AWG : Number of Turns/Wire Size for Test Coil

| Electrical Properties | |
|--------------------------|----------------|
| A_L (nH) | 38.0 \pm 10% |
| N/AWG | 75/24 |
| A_w (cm ²) | 0.3 |

Bobbins are tested for A_L value at 1kHz < 10 gauss.

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