

Bobbins (9877000104)



Part Number: 9877000104

77 BOBBIN RECTANGULAR

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.**

Weight: 3 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	8.05	±0.20	0.317	<input type="checkbox"/>
B	19	±0.40	0.75	<input type="checkbox"/>
D	12.7	±0.25	0.5	<input type="checkbox"/>
F	5.55	+0.25	0.225	<input type="checkbox"/>
G	2.7	+0.25	0.111	<input type="checkbox"/>
H	8.05	±0.20	0.317	<input type="checkbox"/>

Chart Legend

A_L : Inductance Factor NI : Value of dc
Ampere- turns, A_w : Winding Area,
N/ AWG : Number of Turns/ Wire Size for Test Coil

Electrical Properties	
A_L (nH)	39 ±10%
A_L min. @ NI (At)	33 - 125
N/ AWG	36/24
A_w (cm ²)	0.33

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