

Specs for FT37-67 RF Toroids

FB-43-101	BLN1728-8	FT23-43	FT114-43	T25-2	T80-2
FB-43-2401	BN-43-2402	FT37-43	FT114-61	T25-6	T80-6
FB-73-2401	BN-61-2402	FT37-61	FT140-43	T30-2	T80-10
FB-43-4852	BN-43-1502	FT37-67	FT140-61	T30-6	T80-17
FB-43-7351	BN-61-1502	FT50-43	FT140-77	T30-10	T94-2
FB-31-1020	BN-43-302	FT50-61	FT240-31	T37-0	T94-6
	BN-61-302	FT50-75	FT240-43	T37-1	T94-10
	BN-43-202	FT50-J	FT240-52	T37-2	T106-0
	BN-61-202	FT82-43	FT240-K	T37-6	T106-2
	BN-73-202	FT82-61	FT240-61	T37-7	T106-6
	BN-43-3312	FT290-43	T37-10	T130-0	
	BN-43-7051	XXX-XX	T37-17	T130-1	
	BN-61-002		T44-2	T130-2	
			T44-6	T130-6	
			T50-1	T130-17	
			T50-2	T157-2	
			T50-3	T157-17	
			T50-6	T184-17	
			T50-7	T200-2	
			T50-10	T200-2B	
			T50-17	T200-6	
			T68-1	T225-2B	
			T68-2		
			T68-6		
			T68-7		
			T68-10		

**Physical Dimensions**

**COLOR CODE**

- 1 Blue/Clear
- 2 Red/Clear
- 3 Gray/Clear
- 6 Yellow/Clear
- 7 White/Clear
- 10 Black/Clear
- 12 Green/White
- 15 Red/White
- 17 Blue/Yellow
- 0 Tan

**TYPICAL PART NO.**

OD in 100th Inches    **T 25 - 10**

Micrometals Mix No.    Letter Indicates Alternate Height

OD(A) = 0.375 in / 9.5 mm +/- 0.25 mm

ID(B) = 0.187 in. / 4.75 mm +/- 0.10 mm

Ht(C) = 0.125 in. / 3.3 mm +/- 0.25 mm

$A_L = 20 \pm 20\%$      $uH = (A_L * Turns^2) / 1000$

Temperature Stability (ppm / °C) = 500

Color Code = dull black

Application Freq Range

Wideband Transformers 50-1000 MHz

High-Q Inductor 0.5 - 30 MHz

RFI Suppression - above 50 MHz

**Orders and Pricing**

[www.kitsandparts.com](http://www.kitsandparts.com)

**Freq/L/C/Z/Turns Calculator for FT37-67**

Includes 1 inch / 2.5 cm pig-tails

MHz	uH	pF	ohms	turns	inches - cm	Calc	Clear
0	11.52	0	0	24.0	14.0 - 35.6		

enter uH to Calc number of turns, or

enter number of turns to Calc uH, or

enter two (2) items: MHz, uH, pF, ohms or turns to Calc all values.

**Impedance Matching Network Calculator using a FT37-67 where Z2 > Z1**

Enter F(MHz), Z1(Ω) and Z2(Ω) below, then click the Calc button

$X_L = \sqrt{Z1 * Z2 - Z1^2}$      $X_C = Z1 * Z2 / X_L$

F(MHz)	Z1(Ω)	Z2(Ω)	L(uH)	L(turns)	L(inches - cm)	C(pF)	Calc	Clear
0	0	0	0	0		0		

**Impedance Matching Network Calculator using a FT37-67 where Z2 > Z1**

Enter F(MHz), Z1(Ω) and Z2(Ω) below, then click the Calc button

$X_L = Z2 * \sqrt{Z1 / (Z2 - Z1)}$      $X_C = Z1 * Z2 / X_L$

F(MHz)	Z1(Ω)	Z2(Ω)	L(uH)	L(turns)	L(inches - cm)	C(pF)	Calc	Clear
0	0	0	0	0		0		

[additional rf-impedance-matching-calculator](#)