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# LODESTONE PACIFIC

## Shielded Coil Form Hardware

**Make Your Own High Quality Coils**

Compare Available Variable Shielded Coil Forms

Find the Series to Fit Your Performance and Size Requirements



L30 Series



L335 Series



L38 Series



L40 Series



L43 Series



L45 Series

- **5mm Coil Forms Using Ferrite Cores**  
Lodestone L20 series, Toko Equivalent: 5K (.pdf)  
Lodestone L28 series, Toko Equivalent: 5P (.pdf)
- **7mm Coil Forms Using Ferrite Cores**  
Lodestone L30 series, Toko Equivalent: 7KLL (.pdf)  
Lodestone L38 series, Toko Equivalent: 7P (.pdf)
- **8mm Assemblies Using Iron Powder Cores**  
Lodestone L32 Series, (SMD) (.pdf)  
Lodestone L33 Series (.pdf)  
Lodestone L335 Series (.pdf)  
Lodestone L337 Series (.pdf)
- **10mm Coil Forms Using Ferrite Cores**  
Lodestone L40 series, Toko Equivalent: 10P (.pdf)  
Lodestone L41 series (.pdf)  
Lodestone L48 series, Toko Equivalent: 10EZ (.pdf)
- **10.5mm Coil Forms Using Iron Powder Cores**  
Lodestone L42 series (SMD) (.pdf)
- **11mm Coil Forms Using Iron Powder Cores**  
Lodestone L43 series (.pdf)
- **11.5 Coil Forms Using Iron Powder Cores**  
Lodestone L45 series (.pdf)
- **14.5mm Coil Forms Using Iron Powder Cores**  
Lodestone L57 series (.pdf)

### Variable Shielded Coil Form Hardware

Example Part Number

L45-10-PCT-B-4

#### Assembly Code

L20 5mm Style 1  
L28 5mm Style 2  
L30 7mm Style 1  
L32 8mm Style 1  
L33 8mm Style 1  
L335 8mm Style 1  
L337 8mm Style 1  
L38 7mm Style 2  
L40 10mm Style 1  
L41 10mm Style 1  
L42 10.5mm Style 1  
L43 11mm Style 1  
L45 11.5mm Style 1  
L48 10mm Style 2  
L57 14.5mm Style 1

#### Material Type

**Iron Powder**  
1; .25-2 Mhz  
2; .25-10 Mhz  
3; .02-1.0 Mhz  
6; 2.0-50 Mhz  
10; 10-100 Mhz  
17; 20-200 Mhz

**Ferrite**  
51; .05-2.0 Mhz  
52; 2-150 Mhz  
53; .05-2.0 Mhz  
54; 2-200 Mhz

No. of  
Terminals  
2,4,5,6

#### Winding Form

F-Coil Form Tube  
B-Molded Bobbin  
D-Drum Core

#### Shield Can

CT-Copper,  
100% Tin Plate  
PCT-Copper,  
100% Tin Plate  
w/Vibration Pad  
BT-Brass,  
100% Tin Plate

Tuned Core



Style 1

Drum Core



Style 2



These Variable Shielded Coil Forms are used in making tunable Inductors, Transformers, IFT Coils, Oscillators, Narrow and Broadband RF filters.

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## Tunable Shielded Coil Forms

High Q Performance  
Superior Temperature Stability

These Variable Shielded Coil Forms are used in making tunable Inductors, Transformers, IFT Coils, Oscillators, Narrow and Broadband RF filters.

## Custom Wound Coils

Popular Toko Sizes

## Order Custom Finished Coils Two Easy Procedures to choose from.

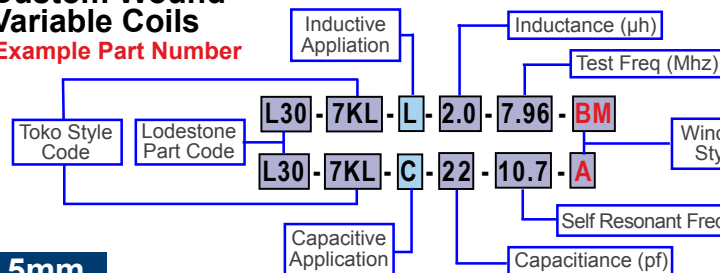
- 1) E-mail us a drawing
  - a) Specify 5mm, 7mm or 10mm
  - b) Fixed cup with tuned core or fixed drum core with tuned cup.
  - c) Specify Freq, inductance and min Q.
  - d) Specify the internal capacitor if needed.
  - e) Specify winding style.
- 2) E-mail us the Toko finished coil part number.

We will quote price, minimum quantity and delivery.

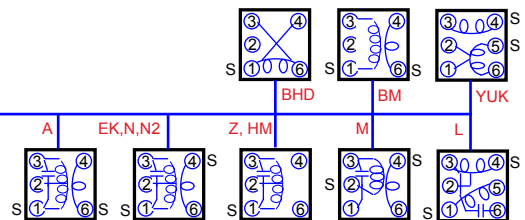
All custom variable shielded coils will use the part numbering convention below. You can create your own part number or let us develop it for you from your drawing or Toko part number. We will provide first article samples for approval prior to production. Delivery for custom coils is approximately 3 weeks.

### Custom Wound Variable Coils

Example Part Number



Test Frequencies (Mhz): 25.2 (0.1 to 1µh), 7.96 (1µh to 10µh), 2.52 (10 to 100µh), .796 (100µh to 1mh), .252 (1mh to 10mh)



- 5mm
- 7mm
- 10mm

Custom Variable Shielded Coils are wound to:  
1) Your Inductance, Frequency and Q Specifications, or  
2) with Internal Capacitors to your Self-resonant Frequency Specifications.

Internal Capacitors (pf): 22pf, 33pf, 45pf, 72pf, 80pf, 82pf, or to your specifications.