

**TOKO**

Variable Coils

TYPE  
7KLL

73

**7mm TYPE 7KLL**

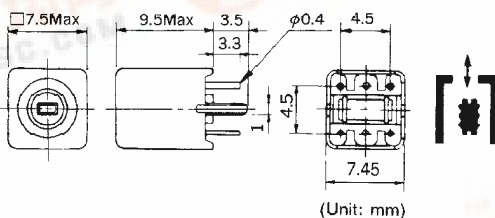
Frequency Range: 2-120MHz

Inductance Range: 0.03-50mH

Temperature Coefficient: Inductor TC (L) 220+220ppm/°C

With Internal Capacitor TC (F) 0±250ppm/°C

Internal Capacitance Values: 5-100pF

**Features**

- Type 7KL is a low profile version of 7KM.
- Spiral wound with high number of closely spaced slots on form yields low distributed capacitance, low temperature coefficient, and added stability in humid conditions.

**STANDARD COILS SELECTION GUIDE****TYPE 7KLL Frequency Range: 2 ~ 30MHz**

| TOKO Part Number | Inductance (μH) | Q min.   | Test Frequency (MHz) |
|------------------|-----------------|----------|----------------------|
| 600BNS-8001 Z    | 0.10 ± 6%       | 40 min   | 50                   |
| 600BNS-8002 Z    | 0.12 ± 6%       | 40 min   | 50                   |
| 600BNS-8003 Z    | 0.15 ± 6%       | 45 min   | 50                   |
| 600BNS-8004 Z    | 0.18 ± 6%       | 45 min   | 50                   |
| 600BNS-8005 Z    | 0.22 ± 6%       | 50 min   | 50                   |
| 600BNS-8006 Z    | 0.27 ± 6%       | 50 min   | 50                   |
| 600BNS-8007 Z    | 0.33 ± 6%       | 55 min   | 50                   |
| 600BNS-8008 Z    | 0.39 ± 6%       | 55 min   | 50                   |
| 600BNS-8009 Z    | 0.47 ± 6%       | 55 min   | 50                   |
| 600BNS-8010 Z    | 0.56 ± 6%       | 55 min   | 50                   |
| 600BNS-8011 Z    | 0.68 ± 6%       | 55 min   | 50                   |
| 600BNS-8012 Z    | 0.82 ± 6%       | 55 min   | 50                   |
| 600BNS-8013 Z    | 1.0 ± 6%        | 49 ± 20% | 7.96                 |
| 600BNS-8014 Z    | 1.2 ± 6%        | 50 ± 20% | 7.96                 |
| 600BNS-8015 Z    | 1.5 ± 6%        | 47 ± 20% | 7.96                 |
| 600BNS-8016 Z    | 1.8 ± 6%        | 49 ± 20% | 7.96                 |
| 600BNS-8017 Z    | 2.2 ± 6%        | 46 ± 20% | 7.96                 |
| 600BNS-8018 Z    | 2.7 ± 6%        | 48 ± 20% | 7.96                 |
| 600BNS-8019 Z    | 3.3 ± 6%        | 48 ± 20% | 7.96                 |
| 600BNS-8020 Z    | 3.9 ± 6%        | 47 ± 20% | 7.96                 |
| 600BNS-8021 Z    | 4.7 ± 6%        | 47 ± 20% | 7.96                 |
| 600BNS-8022 Z    | 5.6 ± 6%        | 46 ± 20% | 7.96                 |
| 600BNS-8023 Z    | 6.8 ± 6%        | 45 ± 20% | 7.96                 |
| 600BNS-8024 Z    | 8.2 ± 6%        | 45 ± 20% | 7.96                 |
| 600BNS-8025 Z    | 10.0 ± 6%       | 40 ± 20% | 2.52                 |
| 600BNS-8026 Z    | 12.0 ± 6%       | 42 ± 20% | 2.52                 |
| 600BNS-8027 Z    | 15.0 ± 6%       | 43 ± 20% | 2.52                 |
| 600BNS-8028 Z    | 18.0 ± 6%       | 45 ± 20% | 2.52                 |
| 600BNS-8029 Z    | 22.0 ± 6%       | 46 ± 20% | 2.52                 |
| F600BNS-8030 Z   | 27.0 ± 6%       | 33 ± 20% | 2.52                 |
| F600BNS-8031 Z   | 33.0 ± 6%       | 32 ± 20% | 2.52                 |
| F600BNS-8032 Z   | 39.0 ± 6%       | 37 ± 20% | 2.52                 |
| F600BNS-8033 Z   | 47.0 ± 6%       | 36 ± 20% | 2.52                 |

## STANDARD COILS SELECTION GUIDE

## TYPE 7KLL Frequency Range: 30 ~ 80MHz

| TOKO<br>Part<br>Number | Inductance<br>( $\mu$ H) | Q<br>min.    | Test<br>Frequency<br>(MHz) |
|------------------------|--------------------------|--------------|----------------------------|
| 600GNS-8034 Z          | 0.10 $\pm$ 6%            | 60 $\pm$ 20% | 50                         |
| 600GNS-8035 Z          | 0.12 $\pm$ 6%            | 65 $\pm$ 20% | 50                         |
| 600GNS-8036 Z          | 0.15 $\pm$ 6%            | 62 $\pm$ 20% | 50                         |
| 600GNS-8037 Z          | 0.18 $\pm$ 6%            | 68 $\pm$ 20% | 50                         |
| 600GNS-8038 Z          | 0.22 $\pm$ 6%            | 71 $\pm$ 20% | 50                         |
| 600GNS-8039 Z          | 0.27 $\pm$ 6%            | 77 $\pm$ 20% | 50                         |
| 600GNS-8040 Z          | 0.33 $\pm$ 6%            | 85 $\pm$ 20% | 50                         |
| 600GNS-8041 Z          | 0.39 $\pm$ 6%            | 84 $\pm$ 20% | 50                         |
| 600GNS-8042 Z          | 0.47 $\pm$ 6%            | 92 $\pm$ 20% | 50                         |
| 600GNS-8043 Z          | 0.56 $\pm$ 6%            | 88 $\pm$ 20% | 50                         |
| 600GNS-8044 Z          | 0.68 $\pm$ 6%            | 88 $\pm$ 20% | 50                         |
| 600GNS-8045 Z          | 0.82 $\pm$ 6%            | 87 $\pm$ 20% | 50                         |
| 600GNS-8046 Z          | 1.0 $\pm$ 6%             | 43 $\pm$ 20% | 7.96                       |
| 600GNS-8047 Z          | 1.2 $\pm$ 6%             | 42 $\pm$ 20% | 7.96                       |
| 600GNS-8048 Z          | 1.5 $\pm$ 6%             | 46 $\pm$ 20% | 7.96                       |
| 600GNS-8049 Z          | 1.8 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600GNS-8050 Z          | 2.2 $\pm$ 6%             | 47 $\pm$ 20% | 7.96                       |
| 600GNS-8051 Z          | 2.7 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600GNS-8052 Z          | 3.3 $\pm$ 6%             | 47 $\pm$ 20% | 7.96                       |
| 600GNS-8053 Z          | 3.9 $\pm$ 6%             | 47 $\pm$ 20% | 7.96                       |
| 600GNS-8054 Z          | 4.7 $\pm$ 6%             | 50 $\pm$ 20% | 7.96                       |
| 600GNS-8055 Z          | 5.6 $\pm$ 6%             | 48 $\pm$ 20% | 7.96                       |
| 600GNS-8056 Z          | 6.8 $\pm$ 6%             | 47 $\pm$ 20% | 7.96                       |
| 600GNS-8057 Z          | 8.2 $\pm$ 6%             | 47 $\pm$ 20% | 7.96                       |
| 600GNS-8058 Z          | 10.0 $\pm$ 6%            | 41 $\pm$ 20% | 2.52                       |
| 600GNS-8059 Z          | 12.0 $\pm$ 6%            | 42 $\pm$ 20% | 2.52                       |
| 600GNS-8060 Z          | 15.0 $\pm$ 6%            | 44 $\pm$ 20% | 2.52                       |
| 600GNS-8061 Z          | 18.0 $\pm$ 6%            | 45 $\pm$ 20% | 2.52                       |
| 600GNS-8062 Z          | 22.0 $\pm$ 6%            | 45 $\pm$ 20% | 2.52                       |
| F600GNS-8063 Z         | 27.0 $\pm$ 6%            | 41 $\pm$ 20% | 2.52                       |
| F600GNS-8064 Z         | 33.0 $\pm$ 6%            | 38 $\pm$ 20% | 2.52                       |
| F600GNS-8065 Z         | 39.0 $\pm$ 6%            | 41 $\pm$ 20% | 2.52                       |
| F600GNS-8066 Z         | 47.0 $\pm$ 6%            | 41 $\pm$ 20% | 2.52                       |

## STANDARD COILS SELECTION GUIDE

## TYPE 7KLL Frequency Range: 80 ~ 120MHz

| TOKO<br>Part<br>Number | Inductance<br>( $\mu$ H) | Q<br>min.    | Test<br>Frequency<br>(MHz) |
|------------------------|--------------------------|--------------|----------------------------|
| 600ENS-8067 Z          | 0.10 $\pm$ 6%            | 56 $\pm$ 20% | 50                         |
| 600ENS-8068 Z          | 0.12 $\pm$ 6%            | 64 $\pm$ 20% | 50                         |
| 600ENS-8069 Z          | 0.15 $\pm$ 6%            | 67 $\pm$ 20% | 50                         |
| 600ENS-8070 Z          | 0.18 $\pm$ 6%            | 73 $\pm$ 20% | 50                         |
| 600ENS-8071 Z          | 0.22 $\pm$ 6%            | 73 $\pm$ 20% | 50                         |
| 600ENS-8072 Z          | 0.27 $\pm$ 6%            | 81 $\pm$ 20% | 50                         |
| 600ENS-8073 Z          | 0.33 $\pm$ 6%            | 87 $\pm$ 20% | 50                         |
| 600ENS-8074 Z          | 0.39 $\pm$ 6%            | 88 $\pm$ 20% | 50                         |
| 600ENS-8075 Z          | 0.47 $\pm$ 6%            | 90 $\pm$ 20% | 50                         |
| 600ENS-8076 Z          | 0.56 $\pm$ 6%            | 93 $\pm$ 20% | 50                         |
| 600ENS-8077 Z          | 0.68 $\pm$ 6%            | 92 $\pm$ 20% | 50                         |
| 600ENS-8078 Z          | 0.82 $\pm$ 6%            | 94 $\pm$ 20% | 50                         |
| 600ENS-8079 Z          | 1.0 $\pm$ 6%             | 39 $\pm$ 20% | 7.96                       |
| 600ENS-8080 Z          | 1.2 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600ENS-8081 Z          | 1.5 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600ENS-8082 Z          | 1.8 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600ENS-8083 Z          | 2.2 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600ENS-8084 Z          | 2.7 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600ENS-8085 Z          | 3.3 $\pm$ 6%             | 44 $\pm$ 20% | 7.96                       |
| 600ENS-8086 Z          | 3.9 $\pm$ 6%             | 44 $\pm$ 20% | 7.96                       |
| 600ENS-8087 Z          | 4.7 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600ENS-8088 Z          | 5.6 $\pm$ 6%             | 45 $\pm$ 20% | 7.96                       |
| 600ENS-8089 Z          | 6.8 $\pm$ 6%             | 44 $\pm$ 20% | 7.96                       |
| 600ENS-8090 Z          | 8.2 $\pm$ 6%             | 47 $\pm$ 20% | 7.96                       |
| 600ENS-8091 Z          | 10.0 $\pm$ 6%            | 38 $\pm$ 20% | 2.52                       |
| 600ENS-8092 Z          | 12.0 $\pm$ 6%            | 40 $\pm$ 20% | 2.52                       |
| 600ENS-8093 Z          | 15.0 $\pm$ 6%            | 44 $\pm$ 20% | 2.52                       |
| 600ENS-8094 Z          | 18.0 $\pm$ 6%            | 35 $\pm$ 20% | 2.52                       |
| 600ENS-8095 Z          | 22.0 $\pm$ 6%            | 34 $\pm$ 20% | 2.52                       |
| F600ENS-8096 Z         | 27.0 $\pm$ 6%            | 33 $\pm$ 20% | 2.52                       |
| F600ENS-8097 Z         | 33.0 $\pm$ 6%            | 37 $\pm$ 20% | 2.52                       |
| F600ENS-8098 Z         | 39.0 $\pm$ 6%            | 37 $\pm$ 20% | 2.52                       |
| F600ENS-8099 Z         | 47.0 $\pm$ 6%            | 36 $\pm$ 20% | 2.52                       |