

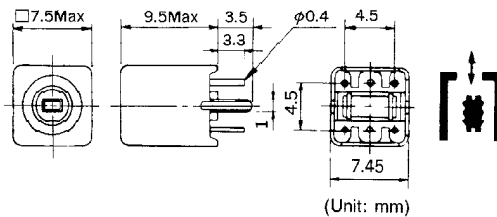
**7mm TYPE 7KLL**

Frequency Range: 2-120MHz

 Inductance Range: 0.03-50 $\mu$ H

 Temperature Coefficient: Inductor TC (L) 220+220ppm/ $^{\circ}$ C  
 With Internal Capacitor TC (F) 0 $\pm$ 250ppm/ $^{\circ}$ 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 ( $\mu$ H) | Q min.       | Test Frequency (MHz) |
|------------------|-----------------------|--------------|----------------------|
| 600BNS-8001 Z    | 0.10 $\pm$ 6%         | 40 min       | 50                   |
| 600BNS-8002 Z    | 0.12 $\pm$ 6%         | 40 min       | 50                   |
| 600BNS-8003 Z    | 0.15 $\pm$ 6%         | 45 min       | 50                   |
| 600BNS-8004 Z    | 0.18 $\pm$ 6%         | 45 min       | 50                   |
| 600BNS-8005 Z    | 0.22 $\pm$ 6%         | 50 min       | 50                   |
| 600BNS-8006 Z    | 0.27 $\pm$ 6%         | 50 min       | 50                   |
| 600BNS-8007 Z    | 0.33 $\pm$ 6%         | 55 min       | 50                   |
| 600BNS-8008 Z    | 0.39 $\pm$ 6%         | 55 min       | 50                   |
| 600BNS-8009 Z    | 0.47 $\pm$ 6%         | 55 min       | 50                   |
| 600BNS-8010 Z    | 0.56 $\pm$ 6%         | 55 min       | 50                   |
| 600BNS-8011 Z    | 0.68 $\pm$ 6%         | 55 min       | 50                   |
| 600BNS-8012 Z    | 0.82 $\pm$ 6%         | 55 min       | 50                   |
| 600BNS-8013 Z    | 1.0 $\pm$ 6%          | 49 $\pm$ 20% | 7.96                 |
| 600BNS-8014 Z    | 1.2 $\pm$ 6%          | 50 $\pm$ 20% | 7.96                 |
| 600BNS-8015 Z    | 1.5 $\pm$ 6%          | 47 $\pm$ 20% | 7.96                 |
| 600BNS-8016 Z    | 1.8 $\pm$ 6%          | 49 $\pm$ 20% | 7.96                 |
| 600BNS-8017 Z    | 2.2 $\pm$ 6%          | 46 $\pm$ 20% | 7.96                 |
| 600BNS-8018 Z    | 2.7 $\pm$ 6%          | 48 $\pm$ 20% | 7.96                 |
| 600BNS-8019 Z    | 3.3 $\pm$ 6%          | 48 $\pm$ 20% | 7.96                 |
| 600BNS-8020 Z    | 3.9 $\pm$ 6%          | 47 $\pm$ 20% | 7.96                 |
| 600BNS-8021 Z    | 4.7 $\pm$ 6%          | 47 $\pm$ 20% | 7.96                 |
| 600BNS-8022 Z    | 5.6 $\pm$ 6%          | 46 $\pm$ 20% | 7.96                 |
| 600BNS-8023 Z    | 6.8 $\pm$ 6%          | 45 $\pm$ 20% | 7.96                 |
| 600BNS-8024 Z    | 8.2 $\pm$ 6%          | 45 $\pm$ 20% | 7.96                 |
| 600BNS-8025 Z    | 10.0 $\pm$ 6%         | 40 $\pm$ 20% | 2.52                 |
| 600BNS-8026 Z    | 12.0 $\pm$ 6%         | 42 $\pm$ 20% | 2.52                 |
| 600BNS-8027 Z    | 15.0 $\pm$ 6%         | 43 $\pm$ 20% | 2.52                 |
| 600BNS-8028 Z    | 18.0 $\pm$ 6%         | 45 $\pm$ 20% | 2.52                 |
| 600BNS-8029 Z    | 22.0 $\pm$ 6%         | 46 $\pm$ 20% | 2.52                 |
| F600BNS-8030 Z   | 27.0 $\pm$ 6%         | 33 $\pm$ 20% | 2.52                 |
| F600BNS-8031 Z   | 33.0 $\pm$ 6%         | 32 $\pm$ 20% | 2.52                 |
| F600BNS-8032 Z   | 39.0 $\pm$ 6%         | 37 $\pm$ 20% | 2.52                 |
| F600BNS-8033 Z   | 47.0 $\pm$ 6%         | 36 $\pm$ 20% | 2.52                 |

## STANDARD COILS SELECTION GUIDE

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

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