

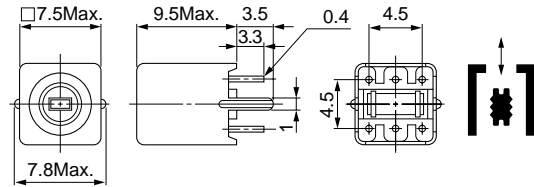
### 7mm TYPE 7KL

**Frequency Range:** 2~120MHz

**Inductance Range:** 0.03~50μH

**Temperature Coefficient:** Inductor TC (L) 220 ± 220ppm/°C  
With Internal Capacitor TC (F) 0 ± 250ppm/°C

**Internal Capacitance Values:** 5~100pF<sup>(1)</sup>



(Unit: mm)

### Features

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

### 特長

- 7KMの低背形で高さは9.5mm
- FM IFTからVHF帯域のコイル

## SELECTION GUIDE FOR STANDARD COILS

\*All inductance values are calculated by following formula:

$$L = \frac{1}{(6.28F)^2C}$$

\*印のコイル・インダクタンス値は次の計算式によります。

$$L = \frac{1}{(6.28F)^2C}$$

TYPE 7KL		Freq. Range: 2~30MHz	
東光品番	インダクタンス範囲	Q	測定周波数
TOKO Part Number	Inductance Range (μH)	Q min.	Test Frequency (MHz)
600BNS-8001Z	*0.1 ± 6%	40	50
600BNS-8002Z	*0.12 ± 6%	40	50
600BNS-8003Z	*0.15 ± 6%	45	50
600BNS-8004Z	*0.18 ± 6%	45	50
600BNS-8005Z	*0.22 ± 6%	50	50
600BNS-8006Z	*0.27 ± 6%	50	50
600BNS-8007Z	*0.33 ± 6%	55	50
600BNS-8008Z	*0.39 ± 6%	55	50
600BNS-8009Z	*0.47 ± 6%	55	50
600BNS-8010Z	*0.56 ± 6%	55	50
600BNS-8011Z	*0.68 ± 6%	55	50
600BNS-8012Z	*0.82 ± 6%	55	50
600BNS-8013Z	1.0 ± 6%	20	7.96
600BNS-8014Z	1.2 ± 6%	20	7.96
600BNS-8015Z	1.5 ± 6%	20	7.96
600BNS-8016Z	1.8 ± 6%	20	7.96
600BNS-8017Z	2.2 ± 6%	20	7.96

TYPE 7KL (cont.)		Freq. Range: 2~30MHz	
東光品番	インダクタンス範囲	Q	測定周波数
TOKO Part Number	Inductance Range (μH)	Q min.	Test Frequency (MHz)
600BNS-8018Z	2.7 ± 6%	20	7.96
600BNS-8019Z	3.3 ± 6%	20	7.96
600BNS-8020Z	3.9 ± 6%	20	7.96
600BNS-8021Z	4.7 ± 6%	20	7.96
600BNS-8022Z	5.6 ± 6%	20	7.96
600BNS-8023Z	6.8 ± 6%	20	7.96
600BNS-8024Z	8.2 ± 6%	20	7.96
600BNS-8025Z	10.0 ± 6%	20	.52
600BNS-8026Z	12.0 ± 6%	20	2.52
600BNS-8027Z	15.0 ± 6%	20	2.52
600BNS-8028Z	18.0 ± 6%	20	2.52
600BNS-8029Z	22.0 ± 6%	20	2.52
600BNS-8030Z	27.0 ± 6%	20	2.52
600BNS-8031Z	33.0 ± 6%	20	2.52
600BNS-8032Z	39.0 ± 6%	20	2.52
600BNS-8033Z	47.0 ± 6%	20	2.52

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**SELECTION GUIDE FOR STANDARD COILS**

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$$L = \frac{1}{(6.28F)^2C}$$

<b>TYPE 7KL</b>			
<b>Freq. Range: 30~80MHz</b>			
東光品番	インダクタンス範囲	Q	測定周波数
TOKO Part Number	Inductance Range (μH)	Q min.	Test Frequency (MHz)
600GNS-8034Z	*0.10 ± 6%	20	50
600GNS-8035Z	*0.12 ± 6%	20	50
600GNS-8036Z	*0.15 ± 6%	20	50
600GNS-8037Z	*0.18 ± 6%	20	50
600GNS-8038Z	*0.22 ± 6%	20	50
600GNS-8039Z	*0.27 ± 6%	20	50
600GNS-8040Z	*0.33 ± 6%	20	50
600GNS-8041Z	*0.39 ± 6%	20	50
600GNS-8042Z	*0.47 ± 6%	20	50
600GNS-8043Z	*0.56 ± 6%	20	50
600GNS-8044Z	*0.68 ± 6%	20	50
600GNS-8045Z	*0.82 ± 6%	20	50
600GNS-8046Z	1.0 ± 6%	20	7.96
600GNS-8047Z	1.2 ± 6%	20	7.96
600GNS-8048Z	1.5 ± 6%	20	7.96
600GNS-8049Z	1.8 ± 6%	20	7.96
600GNS-8050Z	2.2 ± 6%	20	7.96
600GNS-8051Z	2.7 ± 6%	20	7.96
600GNS-8052Z	3.3 ± 6%	20	7.96
600GNS-8053Z	3.9 ± 6%	20	7.96
600GNS-8054Z	4.7 ± 6%	20	7.96
600GNS-8055Z	5.6 ± 6%	20	7.96
600GNS-8056Z	6.8 ± 6%	20	7.96
600GNS-8057Z	8.2 ± 6%	20	7.96
600GNS-8058Z	10 ± 6%	20	2.52
600GNS-8059Z	12 ± 6%	20	2.52
600GNS-8060Z	15 ± 6%	20	2.52
600GNS-8061Z	18 ± 6%	20	2.52
600GNS-8062Z	22 ± 6%	20	2.52
F600GNS-8063Z	27 ± 6%	20	2.52
F600GNS-8064Z	33 ± 6%	20	2.52
F600GNS-8065Z	39 ± 6%	20	2.52
F600GNS-8066Z	47 ± 6%	20	2.52

<b>TYPE 7KL (cont.)</b>			
<b>Freq. Range: 80~120MHz</b>			
東光品番	インダクタンス範囲	Q	測定周波数
TOKO Part Number	Inductance Range (μH)	Q min.	Test Frequency (MHz)
600ENS-8067Z	*0.10 ± 6%	20	50
600ENS-8068Z	*0.12 ± 6%	20	50
600ENS-8069Z	*0.15 ± 6%	20	50
600ENS-8070Z	*0.18 ± 6%	20	50
600ENS-8071Z	*0.22 ± 6%	20	50
600ENS-8072Z	*0.27 ± 6%	20	50
600ENS-8073Z	*0.33 ± 6%	20	50
600ENS-8074Z	*0.39 ± 6%	20	50
600ENS-8075Z	*0.47 ± 6%	20	50
600ENS-8076Z	*0.56 ± 6%	20	50
600ENS-8077Z	*0.68 ± 6%	20	50
600ENS-8078Z	*0.82 ± 6%	20	50
600ENS-8079Z	1.0 ± 6%	20	7.96
600ENS-8080Z	1.2 ± 6%	20	7.96
600ENS-8081Z	1.5 ± 6%	20	7.96
600ENS-8082Z	1.8 ± 6%	20	7.96
600ENS-8083Z	2.2 ± 6%	20	7.96
600ENS-8084Z	2.7 ± 6%	20	7.96
600ENS-8085Z	3.3 ± 6%	20	7.96
600ENS-8086Z	3.9 ± 6%	20	7.96
600ENS-8087Z	4.7 ± 6%	20	7.96
600ENS-8088Z	5.6 ± 6%	20	7.96
600ENS-8089Z	6.8 ± 6%	20	7.96
600ENS-8090Z	8.2 ± 6%	20	7.96
600ENS-8091Z	10 ± 6%	20	2.52
600ENS-8092Z	12 ± 6%	20	2.52
600ENS-8093Z	15 ± 6%	20	2.52
600ENS-8094Z	18 ± 6%	20	2.52
600ENS-8095Z	22 ± 6%	20	2.52
F600ENS-8096Z	27 ± 6%	20	2.52
F600ENS-8097Z	33 ± 6%	20	2.52
F600ENS-8098Z	39 ± 6%	20	2.52
F600ENS-8099Z	47 ± 6%	20	2.52