

TOKO

Variable Coils

TYPE
7PL

67

7mm TYPE 7PL

Frequency Range: 200kHz-2MHz

2-20MHz (High Frequency)

Inductance Range: 20-500nH

1-100nH (High Frequency)

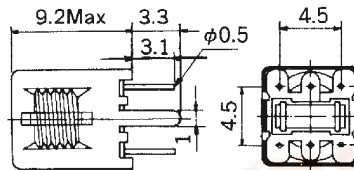
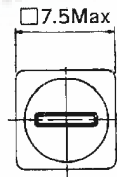
Temperature Coefficient: Inductor TC (L) $750 \pm 500 \text{ ppm/}^\circ\text{C}$

TC (L) $220 \pm 220 \text{ ppm/}^\circ\text{C}$ (High Frequency)

With Internal Capacitor TC (F) $0 \pm 250 \text{ ppm/}^\circ\text{C}$

Optional Internal Capacitance Value: 150-390pF

5-100pF (High Frequency)



Unit: mm

Features

- Low profile, for a 7mm coil of only 9.2mm.
- Types 7PS for AM circuit application, and 7PS (high frequency) for FM circuit applications, are ideal for use as IFT coils and in OSC circuits.

STANDARD COILS SELECTION GUIDE

TYPE 7PL			
TOKO Part Number	Inductance Range (nH)	Q (min.)	Test Frequency
L7BRS-1764Z	56 $\pm$ 5%	40	2.52MHz
L7BRS-1765Z	100 $\pm$ 5%	73	796kHz
L7BRS-1766Z	150 $\pm$ 5%	81	796kHz
L7BRS-1767Z	220 $\pm$ 5%	80	796kHz
L7BRS-1768Z	270 $\pm$ 5%	82	796kHz
L7BRS-1769Z	330 $\pm$ 5%	82	796kHz
L7BRS-1770Z	390 $\pm$ 5%	78	796kHz

TYPE 7PL High Frequency			
TOKO Part Number	Inductance Range (nH)	Q (min.)	Test Frequency
218ANS-1083Z	2.0 $\pm$ 4%	72	7.96MHz
218ANS-1084Z	3.3 $\pm$ 4%	69	7.96MHz
218ANS-1085Z	4.7 $\pm$ 4%	70	7.96MHz
218ANS-1086Z	6.8 $\pm$ 4%	73	7.96MHz
218ANS-1087Z	10.0 $\pm$ 4%	69	2.52MHz
218ANS-1088Z	15.0 $\pm$ 4%	70	2.52MHz
218ANS-1089Z	18.0 $\pm$ 4%	70	2.52MHz