

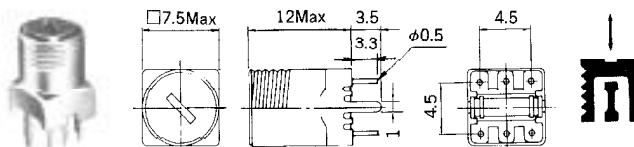
7mm TYPE 7P

Frequency Range: 200kHz-2MHz

Inductance Range: 10nH-2.6mH

Temperature Coefficient: Inductor TC (L) 750±500ppm/°C

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

Internal Capacitance Value: 150-390pF⁽¹⁾

(Unit: mm)

Features

- Ideal for use as an AM IFT and in oscillator circuits.
- Unique design features a cup core adjustor, threaded directly into the shield can, allowing the use of larger cores. This produces the superior, large signal characteristics typically associated with 10mm types.

STANDARD COILS SELECTION GUIDE

(1) Cross slit core (Philips type) also available upon request.

TYPE 7P

TOKO Part Number	Inductance Range (mH)	Turns Ratio		Q (min.)	Test Frequency (MHz)
		1-3/1-2	1-3/4-6		
7BR-151208N0	150±8%	65:2	65:8	60	1.4
7BR-271208N0	270±8%	43:1	43:4	60	1.4
7BR-271308N0	270±8%	86:3	43:4	60	1.4
7BR-331208N0	330±8%	95:2	95:8	60	1.4
7BR-331308N0	330±8%	95:3	95:8	60	1.4
7BR-361208N0	360±8%	50:1	25:2	60	1.4
7BR-361308N0	360±8%	100:3	25:2	60	1.4
A7BRS-T1040Z	100±10%			80	0.796
A7BRS-T1041Z	120±10%			80	0.796
A7BRS-T1042Z	150±10%			80	0.796
A7BRS-T1043Z	180±10%			80	0.796
A7BRS-T1044Z	220±10%			80	0.796
A7BRS-T1045Z	270±10%			80	0.796
A7BRS-T1046Z	330±10%			80	0.796

TYPE 7P with Internal Capacitor

TOKO Part Number	Tuning Capacitance (pf)	Turns Ratio		Q (min.)	Test Frequency (kHz)
		1-3/2-3	1-3/4-6		
7LC-252142N0	180+5(ext)	146:37	146:20	70	455
7LC-252203N0	180+5(ext)	146:37	146:3	70	455
7LC-352142N0	180+5(ext)	146:52	146:20	70	455
7LC-352203N0	180+5(ext)	146:52	146:3	70	455
7LC-352353N0	180+5(ext)	146:52	146:5	70	455
7LC-352503N0	180+5(ext)	146:52	146:7	70	455
7LC-352713N0	180+5(ext)	146:52	146:10	70	455
7LC-452503N0	180+5(ext)	146:66	146:7	70	455
7MC-162503N0	180+5(ext)	146:23	146:7	110	455
7MC-202503N0	180+5(ext)	146:29	146:7	110	455
7MC-222162N0	180+5(ext)	146:33	146:23	110	455
7MC-312162N0	180+5(ext)	146:46	146:23	110	455
7MC-402353N0	180+5(ext)	146:58	146:5	110	455
7MC-402503N0	180+5(ext)	146:58	146:7	110	455
7MC-402563N0	180+5(ext)	146:58	146:8	110	455
7MC-452252N0	180+5(ext)	146:66	146:37	110	455
7MC-502503N0	180+5(ext)	146:73	146:7	110	455

Toko Logo		

7mm TYPE 7P

Frequency Range: 200kHz - 2MHz

Inductance Range: 10μH-2.6mH

Temperature Coefficient: Inductor TC (L) 750±500ppm/°C With
Internal Capacitor TC (F) 0±250ppm/°C

Optional Internal Capacitance Value: 150-390pF⁽¹⁾

7P
illustration

dimensions

Features

- Ideal for use as an AM IFT and in oscillator circuits.
- Unique design features a cup core adjustor, threaded directly into the shield can, allowing the use of larger cores. This produces the superior, large signal characteristics typically associated with 10mm types.

Standard Coils Selection Guide

1. Cross slit core (Philips type) also available upon request.

[7P](#) | [7P with Internal Capacitor](#)

7P

TOKO Part Number	Inductance Range (μH)	Turns Ratio		Q (min.)	Test Frequency (MHz)
		1-3/1-2	1-3/4-6		

7BR-151208N2	150±8%	65:2	65:8	60	1.4
7BR-271208N2	270±8%	43:1	43:4	60	1.4
7BR-271308N2	270±8%	86:3	43:4	60	1.4
7BR-331208N2	330±8%	95:2	95:8	60	1.4
7BR-331308N2	330±8%	95:3	95:8	60	1.4
7BR-361208N2	360±8%	50:1	25:2	60	1.4
7BR-361308N2	360±8%	100:3	25:2	60	1.4
A7BRS-11859Z	100±6%			50	2.52
A7BRS-11860Z	120±6%			80	0.796
A7BRS-11861Z	150±6%			80	0.796
A7BRS-11862Z	180±6%			80	0.796
A7BRS-11863Z	220±6%			80	0.796
A7BRS-11864Z	270±6%			85	0.796
A7BRS-11865Z	330±6%			90	0.796
A7BRS-11866Z	390±6%			90	0.796
A7BRS-11867Z	470±6%			90	0.796
A7BRS-11868Z	560±6%			100	0.796
A7BRS-11869Z	680±6%			100	0.796
A7BRS-11870Z	820±6%			100	0.796
A7BRS-11871Z	1000±6%			100	0.796

7P With Internal Capacitor

TOKO Part Number	Tuning Capacitance (pf)	Turns Ratio		Q (min.)	Test Frequency (kHz)
		1-3/2-3	1-3/4-6		
7LC-252142N0	180+5(ext)	146:37	146:20	70	455
7LC-252203N0	180+5(ext)	146:37	146:3	70	455
7LC-352142N0	180+5(ext)	146:52	146:20	70	455
7LC-352203N0	180+5(ext)	146:52	146:3	70	455
7LC-352353N0	180+5(ext)	146:52	146:5	70	455
7LC-352503N0	180+5(ext)	146:52	146:7	70	455

7LC-352713N0	180+5(ext)	146:52	146:10	70	455
7LC-452503N0	180+5(ext)	146:66	146:7	70	455
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7MC-452252N0	180+5(ext)	146:66	146:37	110	455
7MC-502503N0	180+5(ext)	146:73	146:7	110	455

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