

### 10mm TYPE 10EZ, 10EZ High Frequency

Frequency Range: 0.2-2MHz (10EZ)

2-15MHz (10EZ High Freq.)

Inductance Range: 1 $\mu$ H-2mH (10EZ)

2-55 $\mu$ H (10EZ High Freq.)

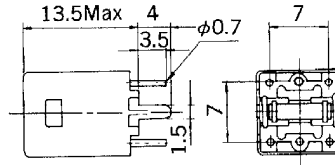
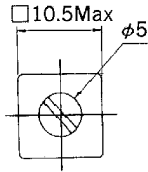
Temperature Coefficient: Inductor TC (L) 750 $\pm$ 500ppm/ $^{\circ}$ C

220 $\pm$ 220ppm/ $^{\circ}$ C (10EZ High Freq.)

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

Internal Capacitance Value: 150-390pF (10EZ),

5-100pF (10EZ High Freq.)



(Unit: mm)

### Features

- Most economical and widely used coil in the world for AM and FM IFTs.
- Automatic insertion packaging available.

## STANDARD COILS SELECTION GUIDE

### TYPE 10EZ

TOKO Part Number	Inductance Range ( $\mu$ H)	Turns Ratio:		Q (min.)	Test Frequency (kHz)
		1-3/1-2	1-3/4-6		
RAN-10A6729EK	630 $\pm$ 10%	154:29	154:4	95 $\pm$ 20%	200
RAN-10A6845EK	630 $\pm$ 10%	154:9	154:4	95 $\pm$ 20%	200
RUNS-T1027Z	1000 $\pm$ 10%			50	252
RUNS-T1028Z	1200 $\pm$ 10%			50	252
RUNS-T1029Z	1500 $\pm$ 10%			50	252
RUNS-T1030Z	1800 $\pm$ 10%			50	252
RWO-6A5105BM	360 $\pm$ 6%		98:28	80	796
RWO-6A6255N	270 $\pm$ 6%	85:3	85:8	65(@1.4MHz)	796
RWR-151208N2	150 $\pm$ 6%	65:2	65:8	90(@1.4MHz)	796
RWR-151308N0	150 $\pm$ 6%	65:3	65:8	90(@1.4MHz)	796
RWR-271208N2	270 $\pm$ 6%	85:2	84:8	60(@1.4MHz)	796
RWR-271308N0	270 $\pm$ 6%	85:3	85:8	80(@1.4MHz)	796
RWR-331208N2	330 $\pm$ 6%	94:2	94:2	70(@1.4MHz)	796
RWR-331308N0	330 $\pm$ 6%	94:3	94:8	70(@1.4MHz)	796
RWR-361208N2	360 $\pm$ 6%	98:2	98:2	80(@1.4MHz)	796
RWR-361308N2	360 $\pm$ 6%	98:2	98:8	80(@1.4MHz)	796
RWR-361412N2	360 $\pm$ 6%	100:4	100:12	50(@1.4MHz)	796
RWRS-T1015Z	100 $\pm$ 10%			100	796
RWRS-T1016Z	120 $\pm$ 10%			100	796
RWRS-T1017Z	150 $\pm$ 10%			100	796
RWRS-T1018Z	180 $\pm$ 10%			100	796
RWRS-T1019Z	220 $\pm$ 10%			100	796
RWRS-T1020Z	270 $\pm$ 10%			100	796
RWRS-T1021Z	330 $\pm$ 10%			100	796
RWRS-T1022Z	390 $\pm$ 10%			100	796
RWRS-T1023Z	470 $\pm$ 10%			100	796
RWRS-T1024Z	560 $\pm$ 10%			100	796
RWRS-T1025Z	680 $\pm$ 10%			100	796
RWRS-T1026Z	820 $\pm$ 10%			100	796

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10mm TYPE 10EZ With Internal Capacitor

## STANDARD COILS SELECTION GUIDE

TYPE 10EZ					
TOKO Part Number	Capacitance Value (pF)	Turns Ratio:Q		Frequency (min.)	Test (kHz)
		1-3/1-2	1-3/4-6		
RLC-252142N0	180+10(ext)	173:30	173:24	70±20%	455
RLC-352142N0	180+10(ext)	173:112	173:24	70±20%	455
RLC-352223N0	180+ 5(ext)	173:112	173:4	70±20%	455
RLC-352503N0	180+10(ext)	173:112	173:9	70±20%	455
RLC-352713N0	180+10(ext)	173:112	173:12	70±20%	455
RLC-452503N0	180+10(ext)	173:95	173:9	70±20%	455
RLC-4A5129EK	180+10(ext)	173:30	172:4	75±20%	455
RLC-4A5130N	180+10(ext)	172:142	172:4	75±20%	455
RMC-14600A	180+10(ext)	165:79	165:9	110±20%	455
RMC-14601A	180+10(ext)	165:99	165:9	110±20%	455
RMC-14602A	180+10(ext)	165:118	55:9	110±20%	455
RMC-15002A	180+10(ext)	165:91	165:42	110±20%	455
RMC-162453N0	180+10(ext)	164:138	164:7	110±20%	455
RMC-202202N0	180+10(ext)	164:131	164:33	110±20%	455
RMC-202313N0	180+10(ext)	164:131	164:5	110±20%	455
RMC-202503N0	180+10(ext)	164:131	41:2	110±20%	455
RMC-222162N0	180+10(ext)	164:127	82:13	110±20%	455
RMC-222633N0	180+10(ext)	164:127	82:5	110±20%	455
RMC-2A6597HM	180+ 5(ext)			120±20%	455
RMC-2A7287HM	180+ 5(ext)			110±20%	455
RMC-312162N0	180+10(ext)	164:112	164:26	110±20%	455
RMC-402353N0	180+10(ext)	164:98	164:6	110±20%	455
RMC-402503N0	180+10(ext)	164:98	164:8	110±20%	455
RMC-452252N0	180+10(ext)	164:90	164:41	110±20%	455
RMC-502182N0	180+10(ext)	164:82	164:30	110±20%	455
RMC-502503N0	180+10(ext)	164:82	164:8	110±20%	455
ROC-15000A	180+10(ext)	176:135	176:4	60±20%	455
ROC-15001A	180+10(ext)	176:114	176:4	60±20%	455
RZC-1A5022N	180+10(ext)	142:71	142:36	150±20%	455
RZC-1A6425A	180+ 5(ext)	154:77	154:38	140±20%	455

## TYPE 10EZ High Frequency

TOKO Part Number	Inductance Range (µH)	Q (min.)	Freq. MHz
154ANS-T1005Z	4.7±10%	100	7.96
154ANS-T1006Z	5.6±10%	100	7.96
154ANS-T1007Z	6.8±10%	100	7.96
154ANS-T1008Z	8.2±10%	100	7.96
154ANS-T1009Z	10.0±10%	60	2.52
154ANS-T1010Z	12.0±10%	60	2.52
154ANS-T1011Z	15.0±10%	60	2.52
154ANS-T1012Z	18.0±10%	60	2.52
154ANS-T1013Z	22.0±10%	60	2.52
154ANS-T1014Z	27.0±10%	60	2.52
154ANS-T1015Z	33.0±10%	60	2.52
154ANS-T1016Z	39.0±10%	60	2.52
154ANS-T1017Z	47.0±10%	60	2.52
154ANS-T1018Z	56.0±10%	60	2.52
154ANS-T1019Z	68.0±10%	60	2.52
154ANS-T1020Z	82.0±10%	60	2.52

## TYPE 10EZ High Frequency with Internal Capacitor

TOKO Part Number	Tuning Capacitance <sup>(1)</sup> (pF)	Turns Ratio:Q			Test Freq. (MHz)
		1-3/2-3	1-3/4-6	Others	
154AC-470032N0	47+5(ext)	14:3	14:2	110±20%	10.7
154AC-470033N0	47+5(ext)	14:3	14:3	110±20%	10.7
154AC-470052N0	45+5(ext)	14:5	14:2	120±20%	10.7
154AC-470072N0	47+5(ext)	14:7	14:2	110±20%	10.7
154AC-470073N0	47+5(ext)	14:7	14:3	120±20%	10.7
154AC-470084L0	47+3(ext)		4-3/2-3 13.5:8.0	95±20%	10.7
			4-3/1-5 13.5:4.5		
154AC-470085L0	47+3(ext)		4-3/2-3 13.5:8.0	85±20%	10.7
			4-3/1-5 13.5:5.5		
154AC-7A5681EK	47+3(ext)	7:4	14:1	110±20%	10.7
154AC-820111M0	82+5(ext)		2-3/4-6 11:1	100±20%	10.7
154AC-820112M0	82+5(ext)		2-3/4-6 11:2	95±20%	10.7
154FC-560061N0	56+0(ext)	2:1	12:1	120±20%	10.7
154FC-820051N0	82+0(ext)	2:1	10:1	110±20%	10.7
154PC-470033N0	47+5(ext)	14:3	14:3	60±20%	10.7
154PC-470053N0	47+5(ext)	14:5	14:3	60±20%	10.7
154PC-470073N0	47+5(ext)	14:7	14:3	60±20%	10.7