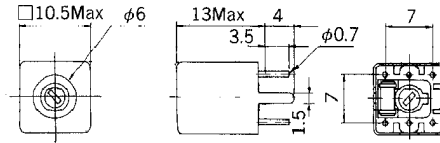


## 10mm TYPE 10K

**Frequency Range:** 2-120MHz**Inductance Range:** 0.08-82 $\mu$ H**Temperature Coefficient:** Inductor TC (L) 220 $\pm$ 150ppm/ $^{\circ}$ C max  
With Internal Capacitor TC (F) 0 $\pm$ 150ppm/ $^{\circ}$ C**Internal Capacitance Values:** 5-100pF <sup>(1)</sup>

(Unit: mm)

**Features**

- Spiral wound with high number of closely spaced slots on form yields low distributed capacitance, low temperature coefficient, and added stability in humid conditions.
- Automatic insertion packaging available.

## STANDARD COILS SELECTION GUIDE

(1) As an option, this type is available with a funnel tapered slot for automatic alignment machines.

**TYPE 10K**

TOKO Part Number	Inductance Range ( $\mu$ H)	Q (min.)	Test Frequency (MHz)	Shield
BTKENS-T1043Z	0.08 $\pm$ 2%	50	75.0	YES
BTKENS-T1044Z	0.10 $\pm$ 6%	60	75.0	YES
BTKENS-T1045Z	0.15 $\pm$ 6%	60	75.0	YES
BTKENS-T1046Z	0.22 $\pm$ 6%	60	75.0	YES
BTKXNS-T1047Z	0.33 $\pm$ 6%	60	45.0	YES
BTKXNS-T1048Z	0.47 $\pm$ 6%	70	45.0	YES
BTKXNS-9455HM	0.47 $\pm$ 6%	80	25.2	YES
TKXNF-9427HM	0.47 $\pm$ 6%	80	25.2	NO
BTKXNS-9454HM	0.56 $\pm$ 6%	80	25.2	YES
TKXNF-9426HM	0.56 $\pm$ 6%	80	25.2	NO
BTKXNS-T1049Z	0.68 $\pm$ 6%	70	45.0	YES
BTKXNS-9453HM	0.68 $\pm$ 6%	100	25.2	YES
TKXNF-9425HM	0.68 $\pm$ 6%	80	25.2	NO
BTKXNS-9452HM	0.82 $\pm$ 6%	100	25.2	YES
TKXNF-9424HM	0.82 $\pm$ 6%	80	25.2	NO
BTKXNS-T1050Z	1.00 $\pm$ 6%	80	25.2	YES
TKXNS-9451HM	1.0 $\pm$ 6%	100	25.2	YES
TKXNF-9423HM	1.0 $\pm$ 6%	80	25.2	NO
BTKANS-9450HM	1.2 $\pm$ 6%	60	7.96	YES
TKANF-9422HM	1.2 $\pm$ 6%	50	7.96	NO
BTKANS-9449HM	1.5 $\pm$ 6%	60	7.96	YES
TKANF-9421HM	1.5 $\pm$ 6%	55	7.96	NO
BTKANS-9448HM	1.8 $\pm$ 6%	60	7.96	YES
TKANF-9420HM	1.8 $\pm$ 6%	60	7.96	NO
BKTANS-9447HM	2.2 $\pm$ 6%	60	7.96	YES
TKANF-9419HM	2.2 $\pm$ 6%	65	7.96	NO
BTKANS-9446HM	2.7 $\pm$ 6%	70	7.96	YES
TKANF-9418HM	2.7 $\pm$ 6%	65	7.96	NO
BTKANS-9445HM	3.3 $\pm$ 6%	70	7.96	YES

continued from previous page

## STANDARD COILS SELECTION GUIDE

**TYPE 10K (cont.)**

TOKO Part Number	Inductance Range ( $\mu\text{H}$ )	Q (min.)	Test Frequency (MHz)	Shield
TKANF-9417HM	3.3 $\pm$ 6%	70	7.96	NO
TKAN-9444HM	3.9 $\pm$ 6%	70	7.96	YES
TKANF-9416HM	3.9 $\pm$ 6%	70	7.96	NO
BTKANS-9443HM	4.7 $\pm$ 6%	70	7.96	YES
TKANF-9415HM	4.7 $\pm$ 6%	65	7.96	NO
TKAN-9442HM	5.6 $\pm$ 6%	70	7.96	YES
TKANF-9414HM	5.6 $\pm$ 6%	70	7.96	NO
BTKANS-9441HM	6.8 $\pm$ 6%	70	7.96	YES
TKANF-9413HM	6.8 $\pm$ 6%	60	7.96	NO
TKAN-9440HM	8.2 $\pm$ 6%	70	7.96	YES
TKANF-9412HM	8.2 $\pm$ 6%	70	7.96	NO
BTKANS-9439HM	10.0 $\pm$ 6%	70	7.96	YES
TKANF-9411HM	10.0 $\pm$ 6%	70	7.96	NO
TKAN-9438HM	12.0 $\pm$ 6%	55	2.52	YES
TKANF-9410HM	12.0 $\pm$ 6%	60	2.52	NO
BTKANS-9437HM	15.0 $\pm$ 6%	50	2.52	YES
TKANF-9409HM	15.0 $\pm$ 6%	60	2.52	NO
TKAN-9436HM	18.0 $\pm$ 6%	50	2.52	YES
TKANF-9408HM	18.0 $\pm$ 6%	50	2.52	NO
BTKANS-9435HM	22.0 $\pm$ 6%	50	2.52	YES
TKANF-9407HM	22.0 $\pm$ 6%	45	2.52	NO
TKAN-9434HM	27.0 $\pm$ 6%	50	2.52	YES
TKANF-9406HM	27.0 $\pm$ 6%	50	2.52	NO
BTKANS-9433HM	33.0 $\pm$ 6%	50	2.52	YES
TKANF-9405HM	33.0 $\pm$ 6%	50	2.52	NO
BTKANS-9432HM	39.0 $\pm$ 6%	45	2.52	YES
TKANF-9404HM	39.0 $\pm$ 6%	50	2.52	NO
BTKANS-9431HM	47.0 $\pm$ 6%	45	2.52	YES
TKANF-9403HM	47.0 $\pm$ 6%	50	2.52	NO
BTKANS-9430HM	56.0 $\pm$ 6%	50	2.52	YES
TKANF-9402HM	56.0 $\pm$ 6%	50	2.52	NO
BTKANS-9429HM	68.0 $\pm$ 8%	50	2.52	YES
TKANF-9401HM	68.0 $\pm$ 6%	60	2.52	NO
BTKANS-9428HM	82.0 $\pm$ 8%	50	2.52	YES
TKANF-9400HM	82.0 $\pm$ 6%	60	2.52	NO

**TYPE 10K with Internal Capacitor (Detector coil for quadrature coil)**

TOKO Part Number	Tuning Capacitance <sup>(1)</sup> (pF)	Turns Ratio 1-3/2-3	Turns Ratio 1-3/4-6	Others	Q	Test Frequency (MHz)
TKACS-6184A	82 + 5 (ext)	13:3	13:3		65 $\pm$ 20%	10.7
BTKAC-28551Z	100 + 0 (ext)				55 $\pm$ 20%	5.5
YBTKAES-29882Z	47 + 10 (ext)				55 $\pm$ 20%	4.5
YTKAEAS-29377Z	82 + 0 (ext)				60 $\pm$ 20%	10.7