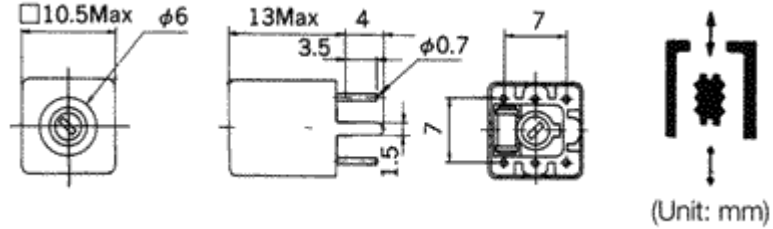


10K Series



Technical Specification

Frequency Range :	2MHz - 120MHz
Inductance Range :	0.10uH - 82uH
Temperature Coefficient :	Inductor TC(F) 220 ± 150ppm/°C max with Internal Capacitor TC (F) 0 ± 150PPM/°C
Internal Capacitance Values :	5pF - 100pF

Features

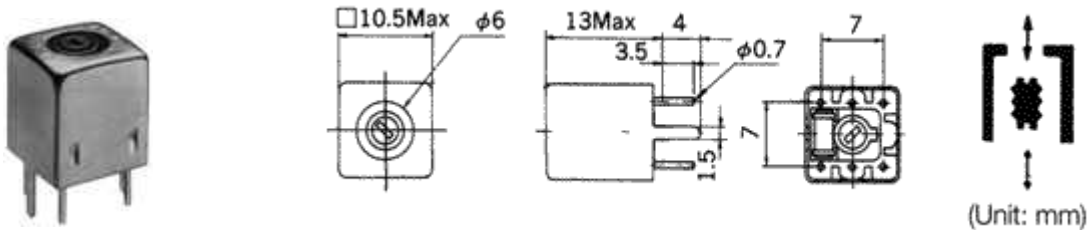
- Coil form has many narrow, closely spaced horizontal slots to bring winding down to the terminals.
- This assures minimum stray capacitance and yields a high Q.
- The coil is available to match most types of ceramic and crystal filters.
- Excellent mechanical protection and resistance to temperature fluctuations, humidity, vibration and shock.
- Optimum final tuning, due to the large specified percentage adjustment range.
- Plated brass cover to provide static and magnetic shielding, assuring low EMI.
- Standoffs on base to keep coil upright during wave soldering and facilitate flux cleaning.

TOKO 10K VARIABLE INDUCTORS

TOKO Desc	Inductance	Tol.	Q min	Test Freq (MHz)	BEC Ref
BTKENS-T1043Z	0.08uH	±2%	50	75	361043
BTKENS-T1044Z	0.1uH	±6%	60	75	361044
BTKENS-T1045Z	0.15uH	±6%	60	75	361045
BTKENS-T1046Z	0.22uH	±6%	60	75	361046
BTKXNS-T1047Z	0.33uH	±6%	60	45	361047
BTKXNS9455HM	0.47uH	±6%	80	25.2	369455
BTKXNS-9454HM	0.56uH	±6%	80	25.2	369454
BTKXNS-9453HM	0.68uH	±6%	100	25.2	369453
BTKXNS-9452HM	0.82uH	±6%	100	25.2	369452
BTKXNS-T1050Z	1.0uH	±6%	80	25.2	361050
BTKXNS-9451HM	1.0uH	±6%	100	25.2	369451
BTKANS-9450HM	1.2uH	±6%	60	7.96	369450

BTKANS-9449HM	1.5uH	±6%	60	7.96	369449
TKAN-9448HM	1.8uH	±6%	60	7.96	369448
BTKANS-9447HM	2.2uH	±6%	60	7.96	369447
BTKANS-9446HM	2.7uH	±6%	70	7.96	369446
BTKANS-9445HM	3.3uH	±6%	70	7.96	369445
BTKANS-9444HM	3.9uH	±6%	70	7.96	369444
BTKANS-9443HM	4.7uH	±6%	70	7.96	369443
BTKANS-9442HM	5.6uH	±6%	70	7.96	369442
BTKANS-9441HM	6.8uH	±6%	70	7.96	369441
BTKANS-9440HM	8.2uH	±6%	70	7.96	369440
BTKANS-9439HM	10uH	±6%	70	7.96	369439
BTKANS-9438HM	12uH	±6%	55	2.52	369438
BTKANS-9437HM	15uH	±6%	50	2.52	369437
BTKANS-9436HM	18uH	±6%	50	2.52	369436
BTKANS-9435HM	22uH	±6%	50	2.52	369435
BTKANS-9434HM	27uH	±6%	50	2.52	369434
BTKANS-9433HM	33uH	±6%	50	2.52	369433
TKAN-9432A	39uH	±6%	45	2.52	369432

10K Series



- TOKO have been producing the 10K coil for 22 years, but it is still the most reliable coil in the frequency range of 2MHz - 100MHz.
- Utilising a sectional bobbin, coils can be wound to a close tolerance with a high stability.
- Adjustable from the top or through the PCB.
- Inductance range is from 80nH to 50uH
- Internal capacitance from 5pF to 100pF are available.
- Temperature Coefficient of Inductor TC(L) $220 \pm 150\text{ppm}/^\circ\text{C}$ max.
- With Internal Capacitor TC(F) $0 \pm 150\text{ppm}/^\circ\text{C}$.

TOKO 10K SERIES VARIABLE INDUCTORS

TOKO Ref	Freq.	1-2	2-3	1-3	4-6	Q ±20%	Base	L	Int C	BEC Ref	
KACSK548SZ	10.7MHz	7	7	14	2	75	15		62pF	360548	
KACSK586HM	10.7MHz			12		100	56		82pF	360586	
MKANSK614GH				2		90	2			360614	
BKXNSK734EG	20MHz	3	7	10		102	3		42pF	360734	
BKANSK738EG	7.96MHz	20	17	37		64	3	20uH		360738	
BKXNSK741EG	20MHz	5	5	1		103	4		42pF	360741	
BKXNSK773EG	20MHz	2	12	14		90	4		22pF	360773	
KACK951PK	10.7MHz		14		1	85	40		82pF	360951	
BKANSK994GO	2.52MHz	22	66	88		50	3	100uH		360994	
BKANSK995GO	2.52MHz	5		88		50	3	100uH		360995	
KACS1506A	10.7MHz	3	12	15	2	100	14		51pF	361506	
KANS1508PAM										361508	
			(1-3=13t) (3-4=7.5t)								
BMKANSK1731HM	6MHz			8		75	1		ext 560pF	361731	
KACAK1769HM	5.5MHz			38		50	56		82pF	361769	
BMKANSK1893HM	10.7MHz			5		50	1	0.38uH		361893	
MTKANFK2027DX	3MHz	3		28	5	70	6		ext 312pF	362027	
KXCAK2036AAY	38MHz				6	80	37		47pF	362036	
BKXNK2388AQN	36MHz			8		90	2		ext 22pF	362388	
KANFK2495ET	4.43MHz					35	38			362495	
			(4-6=10t) (tap 4.5t to 3)								
BKXCK2584HW	30.5MHz			7		85	0		27pF	362584	
BKXC-K2586HW	31.9MHz			6		85	0		33pF	362586	
BKXCK2588HW	40.4MHz			6		85	0		22pF	362588	
KXCAK2691AAY	38MHz					65	37		82pF	362691	
			(1-6=4.5t)								
BKANK2819XM	4.43MHz	13	13	25		50	3		ext 120pF	362819	

BKXCSK3266N	35MHz	6	2	8	2	95	27		22pF	363266
BKXCSK3267N	40MHz	5	2	7	2	90	27		22pF	363267
KANK3333R	2.52MHz	14	41	55	4	60	8	45uH		363333
BKANK3334R	3.8-15MHz	7	11	18	3	85	8	5.5uH		363334
BKXNK3335R	22MHz	4	4	8	2	85	8	1.2uH		363335
KANAK3337R	7.96MHz	2	23	25	3	50	8	5.0uH		363337
KXCAK3344AMZ	36MHz				7	80	21		27pF	363344
KXCAK3345AEU	36MHz			11		80	19		27pF	363345
TKXCAK3346AEU	36MHz			6	9	85	56		33pF	363346
KXCAK3347AHC	36MHz				9	85	22		27pF	363347
BKANK3426R	2.52MHz	3	48	51	4	65	8	38uH		363426
MKXNAK3428R	22MHz	2	8	10	3	60	8	1.1uH		363428
BMKXCSK3464BM	27MHz			8	2	65	9		27pF	363464
BKXNK3766EK	15-31MHz	2	6	8	5	80	7	1.1uH		363766
KXNK3767EK	14-30MHz	2	6	8	5	80	7	1.2uH		363767
KACSK3892A	10.7MHz	7	7	14	2	80	14		82pF	363892
BKACSK3893A	10.7MHz	7	7	14	3	80	14		82pF	363893