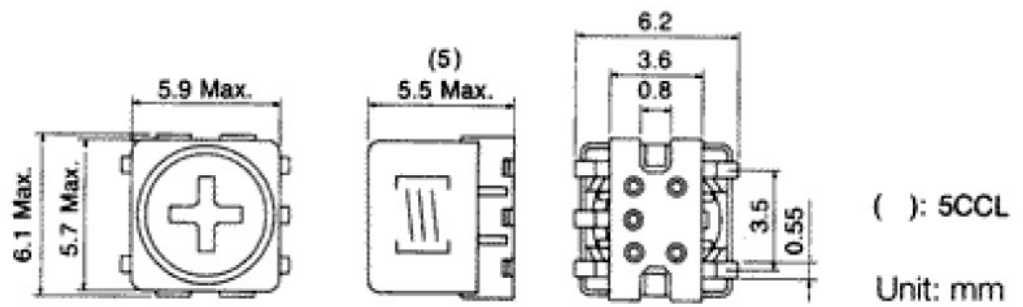
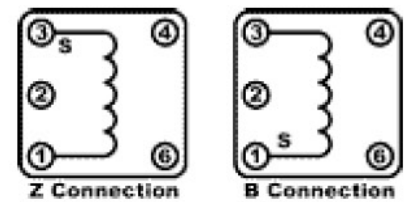


## 5CCD Series (SURFACE MOUNT)



### Technical Specification

Frequency Range :	0.1MHz - 2MHz
	0.1MHz - 15MHz (High Freq)
Inductance Range :	1uH - 1400uH
Operating Temperature :	-10°C to +60°C
Unloaded Q :	30/65 (ref)
Inductance Variable Range :	Lo±3 to 5% (ref)
Temperature Coefficient :	TC(L) 80 ± 120ppm/°C
	TC(L) 140 ± 120ppm/°C (High Freq)
	TC(F) -40 ± 120ppm/°C
	TC(F) -80 ± 120ppm/°C (High Freq)
Quantity per Reel :	1000 pcs



### Features

- Dimensions 6.0x5.7x5.5 max (mm)
- For re-flow soldering
- Reflows at 235°C - 245°C (5 - 10 secs max)
- Adjustable type.
- Low temperature coefficient core ensures minimal frequency drift.
- Available with tow internal capacitors, (4 to 1000pf) up to 5 terminals for transformer or taps.
- Fixed drum and adjustable cup core ferrites provides precise tolerance of setting and protection from EMI.
- TOKO's exclusive threaded metallic shielding provides precise tolerances of setting and protection from electrostatic interference.
- High interference.
- High Q, typically 50, provides high performance for size.
- TOKO features a unique manufacturing technique to create a smooth and consistent torque level between tuning core and coil former.
- Reduces core damage during alignment and firmly holds final setting.

## TOKO 5CCD VARIABLE INDUCTORS

TOKO Ref	Inductance	Tol.	Qu	Test Freq of L (MHz)	Notes
614BN-9018Z	1.8uH	±3%	45	7.96	H.Fr

614BN-9020IB	2uH	±3%	45	7.96	H.Fr
614BN-9022Z	2.2uH	±3%	45	7.96	H.Fr
614BN-9024IB	2.4uH	±3%	50	7.96	H.Fr
614BN-9027IB	2.7uH	±3%	50	7.96	H.Fr
614BN-9030Z	3.0uH	±3%	50	7.96	H.Fr
614BN-9033Z	3.3uH	±3%	55	7.96	H.Fr
614BN-9036IB	3.6uH	±4%	55	7.96	H.Fr
614BN-9039Z	3.9uH	±4%	55	7.96	H.Fr
614BN-9043Z	4.3uH	±4%	55	7.96	H.Fr
614BN-9047Z	4.7uH	±4%	55	7.96	H.Fr
614BN-90511B	5.1uH	±4%	65	7.96	H.Fr
614BN-9056Z	5.6uH	±4%	65	7.96	H.Fr
614BN-9062Z	6.2uH	±4%	65	7.96	H.Fr
614BN-9068Z	6.8uH	±4%	65	7.96	H.Fr
614BN-9075Z	7.5uH	±4%	65	7.96	H.Fr
614BN-9082Z	8.2uH	±4%	65	7.96	H.Fr
614BN-9091Z	9.1uH	±4%	45	7.96	H.Fr
614BN-9100Z	10uH	±5%	45	2.52	H.Fr
614BN-9110Z	11uH	±5%	45	2.52	H.Fr
614BN-9120Z	12uH	±5%	45	2.52	H.Fr
614BN-9130Z	13uH	±5%	45	2.52	H.Fr
614BN-9150Z	15uH	±5%	45	2.52	H.Fr
614BN-9160Z	16uH	±5%	45	2.52	H.Fr
614BN-9180Z	18uH	±5%	45	2.52	H.Fr
614BN-9200Z	20uH	±5%	45	2.52	H.Fr
614BN-9220Z	22uH	±5%	45	2.52	H.Fr
614BN-9240Z	24uH	±5%	45	2.52	H.Fr
614BN-9270Z	27uH	±5%	45	2.52	H.Fr
614BN-9300Z	30uH	±5%	45	2.52	H.Fr
614BN-9330Z	33uH	±5%	45	2.52	H.Fr
614BN-9360Z	36uH	±5%	45	2.52	H.Fr

614BN-9390Z	39uH	±5%	45	2.52	H.Fr
614BN-9430Z	43uH	±5%	45	2.52	H.Fr
614BN-9470Z	47uH	±5%	45	2.52	H.Fr
614BN-9510Z	51uH	±5%	45	2.52	H.Fr
614BN-9560Z	56uH	±5%	45	2.52	H.Fr
614BN-9620Z	62uH	±5%	45	2.52	H.Fr
614BN-9680Z	68uH	±5%	30	2.52	H.Fr
614BN-9750Z	75uH	±5%	30	2.52	
614AN-9820Z	82uH	±5%	30	2.52	
614BN-9910Z	91uH	±5%	30	2.52	
614BN-9100Z	100uH	±5%	45	0.796	

continued from previous page

### TYPE 5CCD (cont'd)

TOKO Part Number	Inductance (μH)	Q (min.)	Test Frequency (MHz)	Inductance Adjustable Range (%)	Notes
614BN-9075Z	7.5	65	7.96	±4	High Frequency
614BN-9082Z	8.2	65	7.96	±4	High Frequency
614BN-9091Z	9.1	65	7.96	±4	High Frequency
614BN-9100Z	10	45	2.52	±5	High Frequency
614BN-9110Z	11	45	2.52	±5	High Frequency
614BN-9120Z	12	45	2.52	±5	High Frequency
614BN-9130Z	13	45	2.52	±5	High Frequency
614BN-9150Z	15	45	2.52	±5	High Frequency
614BN-9160Z	16	45	2.52	±5	High Frequency
614BN-9180Z	18	45	2.52	±5	High Frequency
614BN-9200Z	20	45	2.52	±5	High Frequency
614BN-9220Z	22	45	2.52	±5	High Frequency
614BN-9240Z	24	45	2.52	±5	High Frequency
614BN-9270Z	27	45	2.52	±5	High Frequency
614BN-9300Z	30	45	2.52	±5	High Frequency
614BN-9330Z	33	45	2.52	±5	High Frequency
614BN-9360Z	36	45	2.52	±5	High Frequency
614BN-9390Z	39	45	2.52	±5	High Frequency
614BN-9430Z	43	45	2.52	±5	High Frequency
614BN-9470Z	47	45	2.52	±5	High Frequency
614BN-9510Z	51	45	2.52	±5	High Frequency
614BN-9560Z	56	45	2.52	±5	High Frequency
614BN-9620Z	62	45	2.52	±5	High Frequency
614AN-9680Z	*68	*30	2.52	±5	
614AN-9750Z	*75	*30	2.52	±5	
614AN-9820Z	*82	*30	2.52	±5	
614AN-9910Z	*91	*30	2.52	±5	
614AN-9101Z	100	45	0.796	±5	
614AN-9111Z	110	45	0.796	±5	
614AN-9121Z	120	45	0.796	±5	
614AN-9131Z	130	45	0.796	±5	
614AN-9151Z	150	45	0.796	±5	
614AN-9161Z	160	45	0.796	±5	
614AN-9181Z	180	45	0.796	±5	
614AN-9201Z	200	45	0.796	±5	
614AN-9221Z	220	45	0.796	±5	
614AN-9241Z	240	45	0.796	±5	
614AN-9271Z	270	45	0.796	±5	
614AN-9301Z	300	45	0.796	±5	
614AN-9331Z	330	45	0.796	±5	
614AN-9361Z	360	45	0.796	±5	
614AN-9391Z	390	45	0.796	±5	
614AN-9431Z	430	45	0.796	±5	
614AN-9471Z	470	45	0.796	±5	
614AN-9511Z	510	45	0.796	±5	
614AN-9561Z	560	45	0.796	±5	
614AN-9621Z	620	45	0.796	±5	
614AN-9681Z	680	45	0.796	±5	
614AN-9751Z	750	45	0.796	±5	
614AN-9821Z	820	45	0.796	±5	
614AN-9911Z	910	45	0.796	±5	
614AN-9102Z	1000	30	0.252	±5	
614AN-9112Z	1100	30	0.252	±5	
614AN-9122Z	1200	30	0.252	±5	
614AN-9132Z	1300	30	0.252	±5	

\*Q measured at 450kHz.