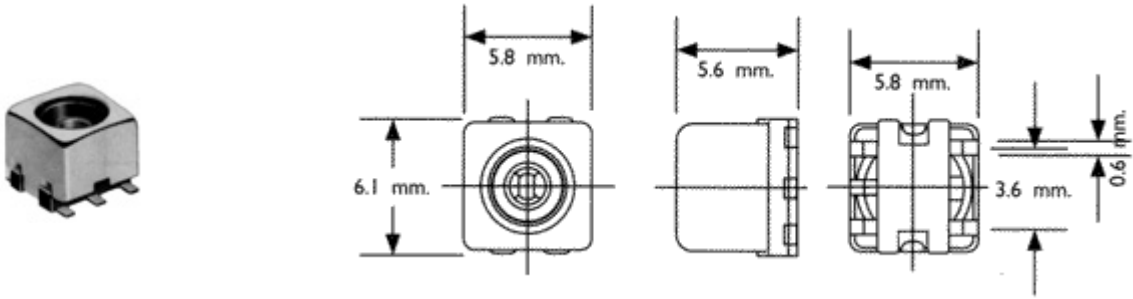
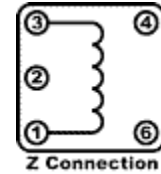


5CE Series (SURFACE MOUNT)



Technical Specification

Frequency Range :	30MHz - 150MHz
Operating Temperature :	-10°C to 60°C
Temperature Coefficient :	60 ° 150ppm/°C
Maximum Inductance :	0.1uH - 1.6uH
Unloaded Q :	55 to 80 @ 100MHz
Inductance TC :	60 ± 150ppm/°C
Quantity per Reel :	1000 pcs



The 5CE series are shown here for reference whilst existing stocks last. Please use 5CCE for new designs.

Features

- 5CE is suitable for use in communication equipment.
- Ideal for high frequency microcircuit applications.
- For re-flow soldering type.
- Small size. (6.1 x 5.8 x 5.5 mm)
- Adjustable range.
- TOKO's original concept features two horizontal slots on the former to reduce stray capacitance, improve stability and attain higher frequency.
- Four vertical slots on the former take windings to the terminals producing a winding that precisely duplicates centre frequency specifications.
- Coil former is specially designed with a high temperature material, highly resistant to damage and distortion during soldering.
- TOKO features 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.
- Plate brass can assures good electrostatic shielding.

TOKO 5CE VARIABLE INDUCTORS

TOKO Ref	Inductance @ Freq (MHz)		Qu @ Freq (MHz)		DC Res (r)	SRF (MHz)	BEC Ref
432AN1050Z	68nH	100	62	100	0.15	580	304050
432AN1051Z	82nH	100	57	100	0.29	580	304051
432AN1052Z	100nH	100	70	100	0.18	580	304052
432AN1053Z	120nH	100	72	100	0.20	580	304053
432AN1054Z	150nH	100	66	100	0.29	487	304054

432AN1055Z	180nH	100	80	100	0.22	443	304055
432AN1056Z	220nH	100	75	100	0.36	354	304056
432AN1057Z	270nH	100	70	80	0.26	270	304057
432AN1058Z	330nH	100	60	80	0.55	273	304058
432AN1059Z	390nH	100	66	80	0.46	230	304059
432AN1060Z	470nH	100	58	60	0.48	207	304060
432AN1061Z	560nH	100	66	60	0.52	270	304061
432AN1062Z	680nH	30	50	30	0.67	170	304062
432AN1063Z	820nH	30	50	30	0.73	155	304063
432AN1064Z	1000nH	30	48	30	1.04	136	304064
432AN1065Z	1200nH	30	48	30	1.12	113	304065
432AN1066Z	1500nH	30	48	30	1.26	110	304066
432AN1067Z	1800nH	30	48	30	1.36	105	304067
432AN1068Z	2200nH	30	47	30	2.00	100	304068