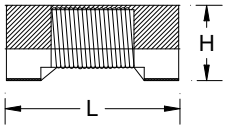
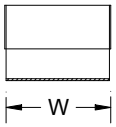
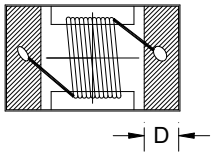
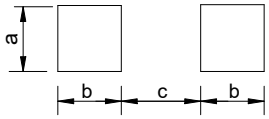
Dimensions(mm)







Recommended Patterns



Type	L	W	H	D	a	b	c	Packaging (pcs/reel)
KTW0402UC	1.19 Max.	0.66 Max.	0.60 Max.	0.23	0.66	0.36	0.46	5000
KTW0603UC	1.78 Max.	1.10 Max.	0.95 Max.	0.30	1.02	0.64	0.64	4000
KTW0805UC	2.30 Max.	1.70 Max.	1.52 Max.	0.50	1.78	1.02	0.76	3000
KTW1008UC	2.92 Max.	2.79 Max.	2.10 Max.	0.50	2.54	1.02	1.27	2000
KTW1210HC	3.50 Max.	2.90 Max.	2.25 Max.	0.50	2.54	1.02	1.78	2000

Dimensions without tolerance are typical.

Product Identification

KTW	0402	UC	1N0	□	S	C
①	②	③	④	⑤	⑥	⑦

① Wire Wound Inductor Series
② Dimensions：0402(inch)=1005(mm)=1.0x0.5mm
③ Material：UC Ceramic core
④ Inductance：1N0=1.0nH, 010=10nH, R10=100nH, 1R0=1.0μH, 100=10μH
⑤ Tolerance：G=±2% ; J=±5% ; K=±10%
⑥ Terminal：G(Gold),S(Tin)
⑦ Packaging type：C=Tape& Reel,B=Bulk

KTW0402UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW0402UC1N0□SC	K	1.0	250MHz/0.5V	13	250	0.045	1360	10000
KTW0402UC1N2□SC	K	1.2	250MHz/0.5V	8	250	0.135	640	10000
KTW0402UC1N8□SC	K	1.8	250MHz/0.5V	16	250	0.070	1040	6000
KTW0402UC1N9□SC	K	1.9	250MHz/0.5V	16	250	0.070	1040	6000
KTW0402UC2N0□SC	K	2.0	250MHz/0.5V	18	250	0.070	1040	6000
KTW0402UC2N2□SC	K	2.2	250MHz/0.5V	18	250	0.070	960	6000
KTW0402UC2N4□SC	K	2.4	250MHz/0.5V	16	250	0.080	790	6000
KTW0402UC2N5□SC	K	2.5	250MHz/0.5V	15	250	0.120	640	6000
KTW0402UC2N7□SC	K	2.7	250MHz/0.5V	15	250	0.120	640	6000
KTW0402UC2N9□SC	K	2.9	250MHz/0.5V	8	250	0.300	400	6000
KTW0402UC3N3□SC	J、K	3.3	250MHz/0.5V	20	250	0.066	840	6000
KTW0402UC3N6□SC	G、J、K	3.6	250MHz/0.5V	20	250	0.066	840	6000
KTW0402UC3N9□SC	G、J、K	3.9	250MHz/0.5V	20	250	0.066	840	6000
KTW0402UC4N3□SC	J、K	4.3	250MHz/0.5V	20	250	0.091	700	6000
KTW0402UC4N7□SC	G、J、K	4.7	250MHz/0.5V	18	250	0.200	640	4500
KTW0402UC5N1□SC	G、J、K	5.1	250MHz/0.5V	18	250	0.083	800	4800
KTW0402UC5N6□SC	G、J、K	5.6	250MHz/0.5V	20	250	0.083	760	4800
KTW0402UC6N2□SC	G、J、K	6.2	250MHz/0.5V	23	250	0.083	760	4800
KTW0402UC6N8□SC	G、J、K	6.8	250MHz/0.5V	23	250	0.260	680	4800
KTW0402UC7N5□SC	G、J、K	7.5	250MHz/0.5V	23	250	0.100	680	4800
KTW0402UC8N2□SC	G、J、K	8.2	250MHz/0.5V	25	250	0.100	680	4400
KTW0402UC8N7□SC	G、J、K	8.7	250MHz/0.5V	25	250	0.200	480	4100
KTW0402UC9N0□SC	G、J、K	9.0	250MHz/0.5V	25	250	0.100	680	4160
KTW0402UC9N5□SC	G、J、K	9.5	250MHz/0.5V	25	250	0.200	480	4000
KTW0402UC010□SC	G、J、K	10	250MHz/0.5V	25	250	0.20	480	3900
KTW0402UC011□SC	G、J、K	11	250MHz/0.5V	25	250	0.120	640	3680
KTW0402UC012□SC	J、K	12	250MHz/0.5V	25	250	0.120	640	3600
KTW0402UC013□SC	G、J、K	13	250MHz/0.5V	25	250	0.210	440	3450
KTW0402UC015□SC	G、J、K	15	250MHz/0.5V	25	250	0.300	560	3280
KTW0402UC016□SC	G、J、K	16	250MHz/0.5V	25	250	0.220	560	3100
KTW0402UC018□SC	G、J、K	18	250MHz/0.5V	25	250	0.230	420	3100
KTW0402UC019□SC	G、J、K	19	250MHz/0.5V	25	250	0.200	480	3040
KTW0402UC020□SC	G、J、K	20	250MHz/0.5V	25	250	0.250	420	3000
KTW0402UC022□SC	G、J、K	22	250MHz/0.5V	25	250	0.300	400	2800
KTW0402UC023□SC	G、J、K	23	250MHz/0.5V	22	250	0.380	310	2720
KTW0402UC024□SC	G、J、K	24	250MHz/0.5V	25	250	0.300	400	2700
KTW0402UC027□SC	G、J、K	27	250MHz/0.5V	24	250	0.520	280	2480
KTW0402UC030□SC	G、J、K	30	250MHz/0.5V	25	250	0.500	400	2350
KTW0402UC033□SC	G、J、K	33	250MHz/0.5V	24	250	0.650	350	2350
KTW0402UC036□SC	G、J、K	36	250MHz/0.5V	25	250	0.600	250	2320
KTW0402UC039□SC	G、J、K	39	250MHz/0.5V	25	250	0.750	200	2100
KTW0402UC040□SC	G、J、K	40	250MHz/0.5V	25	250	0.600	220	2240
KTW0402UC043□SC	J、K	43	250MHz/0.5V	25	250	0.810	100	2030
KTW0402UC047□SC	G、J、K	47	250MHz/0.5V	25	250	0.830	150	2100
KTW0402UC051□SC	J、K	51	250MHz/0.5V	25	250	0.820	100	1750
KTW0402UC056□SC	G、J、K	56	250MHz/0.5V	25	250	0.97	100	1760

All specifications are subject to change without notice.

KTW0402UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW0402UC068□SC	G、J、K	68	250MHz/0.5V	25	250	1.12	100	1620
KTW0402UC075□SC	G、J、K	75	250MHz/0.5V	25	250	1.63	50	1400
KTW0402UC082□SC	G、J、K	82	250MHz/0.5V	25	250	1.70	50	1260
KTW0402UCR10□SC	G、J、K	100	250MHz/0.5V	25	250	2.00	30	1160
KTW0402UCR12□SC	G、J、K	120	250MHz/0.5V	25	250	2.20	30	1100

KTW0603UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max.②	Rated current (mA) ③	SRF(MHz) min.
KTW0603UC1N6□SC	K	1.6	250MHz/0.5V	18	250	0.04	700	12500
KTW0603UC1N7□SC	J、K	1.7	250MHz/0.5V	18	250	0.045	700	12500
KTW0603UC1N8□SC	K	1.8	250MHz/0.5V	16	250	0.045	700	12500
KTW0603UC2N0□SC	J、K	2.0	250MHz/0.5V	12	250	0.09	700	10000
KTW0603UC2N2□SC	K	2.2	250MHz/0.5V	12	250	0.09	700	10000
KTW0603UC3N3□SC	K	3.3	250MHz/0.5V	20	250	0.075	700	5900
KTW0603UC3N6□SC	G、J、K	3.6	250MHz/0.5V	22	250	0.075	700	5900
KTW0603UC3N9□SC	G、J、K	3.9	250MHz/0.5V	22	250	0.08	700	6900
KTW0603UC4N3□SC	G、J、K	4.3	250MHz/0.5V	22	250	0.075	700	5900
KTW0603UC4N7□SC	G、J、K	4.7	250MHz/0.5V	20	250	0.116	700	5800
KTW0603UC5N1□SC	G、J、K	5.1	250MHz/0.5V	20	250	0.12	700	5700
KTW0603UC5N6□SC	K	5.6	250MHz/0.5V	18	250	0.20	700	5700
KTW0603UC6N0□SC	G、J、K	6.0	250MHz/0.5V	27	250	0.11	700	5700
KTW0603UC6N2□SC	G、J、K	6.2	250MHz/0.5V	27	250	0.11	700	5700
KTW0603UC6N8□SC	G、J、K	6.8	250MHz/0.5V	27	250	0.11	700	5800
KTW0603UC7N5□SC	G、J、K	7.5	250MHz/0.5V	28	250	0.11	700	4800
KTW0603UC8N2□SC	G、J、K	8.2	250MHz/0.5V	28	250	0.12	700	4700
KTW0603UC8N7□SC	G、J、K	8.7	250MHz/0.5V	28	250	0.12	700	4600
KTW0603UC9N1□SC	G、J、K	9.1	250MHz/0.5V	26	250	0.15	700	4500
KTW0603UC9N5□SC	G、J、K	9.5	250MHz/0.5V	26	250	0.15	700	5400
KTW0603UC010□SC	G、J、K	10	250MHz/0.5V	31	250	0.13	700	4800
KTW0603UC011□SC	G、J、K	11	250MHz/0.5V	33	250	0.13	700	4000
KTW0603UC012□SC	G、J、K	12	250MHz/0.5V	35	250	0.13	700	4000
KTW0603UC013□SC	G、J、K	13	250MHz/0.5V	30	250	0.14	700	4000
KTW0603UC014□SC	G、J、K	14	250MHz/0.5V	35	250	0.14	700	4000
KTW0603UC015□SC	G、J、K	15	250MHz/0.5V	30	250	0.15	700	4000
KTW0603UC016□SC	G、J、K	16	250MHz/0.5V	34	250	0.16	700	3300
KTW0603UC018□SC	G、J、K	18	250MHz/0.5V	35	250	0.17	700	3100
KTW0603UC020□SC	G、J、K	20	250MHz/0.5V	38	250	0.19	700	3000
KTW0603UC022□SC	G、J、K	22	250MHz/0.5V	38	250	0.19	700	3000
KTW0603UC024□SC	G、J、K	24	250MHz/0.5V	37	250	0.20	700	2650
KTW0603UC025□SC	G、J、K	25	250MHz/0.5V	38	250	0.21	700	2600
KTW0603UC027□SC	G、J、K	27	250MHz/0.5V	36	250	0.22	600	2800
KTW0603UC030□SC	G、J、K	30	250MHz/0.5V	37	250	0.22	600	2250
KTW0603UC033□SC	G、J、K	33	250MHz/0.5V	36	250	0.22	600	2300

KTW0603UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW0603UC036□SC	G、J、K	36	250MHz/0.5V	36	250	0.25	600	2080
KTW0603UC039□SC	G、J、K	39	250MHz/0.5V	40	250	0.25	600	2200
KTW0603UC043□SC	G、J、K	43	250MHz/0.5V	36	250	0.28	600	2000
KTW0603UC049□SC	G、J、K	49	200MHz/0.5V	36	200	0.28	600	2000
KTW0603UC051□SC	G、J、K	51	200MHz/0.5V	36	200	0.28	600	1900
KTW0603UC056□SC	G、J、K	56	200MHz/0.5V	38	200	0.28	600	1900
KTW0603UC068□SC	G、J、K	68	200MHz/0.5V	36	200	0.34	600	1700
KTW0603UC072□SC	G、J、K	72	150MHz/0.5V	34	150	0.53	400	1700
KTW0603UC075□SC	G、J、K	75	150MHz/0.5V	30	150	0.60	400	1400
KTW0603UC082□SC	G、J、K	82	150MHz/0.5V	34	150	0.55	400	1700
KTW0603UC091□SC	G、J、K	91	150MHz/0.5V	30	150	0.63	400	1400
KTW0603UCR10□SC	G、J、K	100	150MHz/0.5V	30	150	0.63	400	1400
KTW0603UCR11□SC	G、J、K	110	150MHz/0.5V	32	150	0.67	300	1350
KTW0603UCR12□SC	G、J、K	120	150MHz/0.5V	32	150	0.73	300	1300
KTW0603UCR15□SC	G、J、K	150	150MHz/0.5V	28	150	0.80	280	990
KTW0603UCR16□SC	J、K	160	100MHz/0.5V	25	100	1.25	250	990
KTW0603UCR18□SC	G、J、K	180	100MHz/0.5V	25	100	1.45	240	990
KTW0603UCR20□SC	G、J、K	200	100MHz/0.5V	25	100	1.55	200	900
KTW0603UCR22□SC	G、J、K	220	100MHz/0.5V	25	100	2.10	200	900
KTW0603UCR25□SC	G、J、K	250	100MHz/0.5V	25	100	3.55	120	822
KTW0603UCR27□SC	G、J、K	270	100MHz/0.5V	24	100	2.30	170	900
KTW0603UCR30□SC	G、J、K	300	100MHz/0.5V	24	100	3.00	100	1000
KTW0603UCR33□SC	G、J、K	330	100MHz/0.5V	25	100	3.89	100	900
KTW0603UCR39□SC	G、J、K	390	100MHz/0.5V	25	100	4.35	100	800
KTW0603UCR47□SC	G、J、K	470	100MHz/0.5V	25	100	7.00	75	700

KTW0805UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW0805UC2N2□SC	K	2.2	250MHz/0.5V	50	1500	0.03	800	8500
KTW0805UC2N5□SC	J、K	2.5	250MHz/0.5V	40	1500	0.04	800	8000
KTW0805UC2N7□SC	G、J、K	2.7	250MHz/0.5V	50	1500	0.045	800	8000
KTW0805UC3N0□SC	J、K	3.0	250MHz/0.5V	35	1500	0.09	600	8000
KTW0805UC3N3□SC	K	3.3	250MHz/0.5V	35	1500	0.09	600	7900
KTW0805UC4N7□SC	K	4.7	250MHz/0.5V	40	1000	0.05	600	6000
KTW0805UC5N1□SC	G、J、K	5.1	250MHz/0.5V	50	1000	0.05	600	5800
KTW0805UC5N4□SC	G、J、K	5.4	250MHz/0.5V	50	1000	0.05	600	5800
KTW0805UC5N6□SC	G、J、K	5.6	250MHz/0.5V	50	1000	0.065	600	5500
KTW0805UC6N2□SC	G、J、K	6.2	250MHz/0.5V	50	1000	0.11	600	5500
KTW0805UC6N8□SC	G、J、K	6.8	250MHz/0.5V	50	1000	0.11	600	5500
KTW0805UC7N5□SC	G、J、K	7.5	250MHz/0.5V	35	1000	0.15	600	4700
KTW0805UC7N8□SC	G、J、K	7.8	250MHz/0.5V	35	1000	0.20	600	4700
KTW0805UC8N2□SC	G、J、K	8.2	250MHz/0.5V	35	1000	0.20	600	4700
KTW0805UC010□SC	G、J、K	10	250MHz/0.5V	50	500	0.15	600	4200

All specifications are subject to change without notice.

KTW0805UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW0805UC011□SC	G、J、K	11	250MHz/0.5V	50	500	0.15	600	4000
KTW0805UC012□SC	G、J、K	12	250MHz/0.5V	50	500	0.15	600	4000
KTW0805UC014□SC	G、J、K	14	250MHz/0.5V	50	500	0.16	600	3500
KTW0805UC015□SC	G、J、K	15	250MHz/0.5V	45	500	0.17	600	3400
KTW0805UC016□SC	G、J、K	16	250MHz/0.5V	55	500	0.10	600	3400
KTW0805UC018□SC	G、J、K	18	250MHz/0.5V	55	500	0.20	600	3300
KTW0805UC020□SC	G、J、K	20	250MHz/0.5V	55	500	0.22	500	2800
KTW0805UC022□SC	G、J、K	22	250MHz/0.5V	55	500	0.22	500	2600
KTW0805UC024□SC	G、J、K	24	250MHz/0.5V	50	500	0.23	500	2500
KTW0805UC025□SC	G、J、K	25	250MHz/0.5V	50	500	0.24	500	2500
KTW0805UC027□SC	G、J、K	27	250MHz/0.5V	55	500	0.25	500	2500
KTW0805UC030□SC	G、J、K	30	250MHz/0.5V	55	500	0.26	500	2100
KTW0805UC033□SC	G、J、K	33	250MHz/0.5V	55	500	0.27	500	2050
KTW0805UC036□SC	G、J、K	36	250MHz/0.5V	55	500	0.28	500	2000
KTW0805UC039□SC	G、J、K	39	250MHz/0.5V	55	500	0.29	500	2000
KTW0805UC043□SC	G、J、K	43	250MHz/0.5V	50	500	0.30	500	1800
KTW0805UC047□SC	G、J、K	47	200MHz/0.5V	55	500	0.31	500	1650
KTW0805UC050□SC	G、J、K	50	200MHz/0.5V	55	500	0.34	500	1600
KTW0805UC051□SC	G、J、K	51	200MHz/0.5V	55	500	0.34	500	1600
KTW0805UC052□SC	G、J、K	52	200MHz/0.5V	55	500	0.34	500	1600
KTW0805UC053□SC	G、J、K	53	200MHz/0.5V	55	500	0.34	500	1600
KTW0805UC054□SC	G、J、K	54	200MHz/0.5V	55	500	0.34	500	1550
KTW0805UC056□SC	G、J、K	56	200MHz/0.5V	55	500	0.34	500	1550
KTW0805UC058□SC	G、J、K	58	200MHz/0.5V	55	500	0.38	500	1500
KTW0805UC060□SC	G、J、K	60	200MHz/0.5V	55	500	0.38	500	1500
KTW0805UC062□SC	G、J、K	62	200MHz/0.5V	55	500	0.38	500	1500
KTW0805UC068□SC	G、J、K	68	200MHz/0.5V	55	500	0.38	500	1450
KTW0805UC070□SC	G、J、K	70	200MHz/0.5V	55	500	0.38	500	1400
KTW0805UC072□SC	G、J、K	72	200MHz/0.5V	55	500	0.38	500	1400
KTW0805UC074□SC	G、J、K	74	200MHz/0.5V	55	500	0.40	400	1400
KTW0805UC075□SC	G、J、K	75	200MHz/0.5V	55	500	0.40	400	1400
KTW0805UC078□SC	G、J、K	78	200MHz/0.5V	55	500	0.42	400	1400
KTW0805UC080□SC	G、J、K	82	150MHz/0.5V	55	500	0.42	400	1300
KTW0805UC086□SC	G、J、K	86	150MHz/0.5V	55	500	0.45	400	1200
KTW0805UC091□SC	G、J、K	91	150MHz/0.5V	50	500	0.46	400	1100
KTW0805UC095□SC	G、J、K	95	150MHz/0.5V	50	500	0.46	400	1100
KTW0805UCR10□SC	G、J、K	100	150MHz/0.5V	50	500	0.46	400	1200
KTW0805UCR11□SC	G、J、K	110	150MHz/0.5V	45	250	0.51	400	1100
KTW0805UCR12□SC	G、J、K	120	150MHz/0.5V	45	250	0.51	400	1100
KTW0805UCR14□SC	G、J、K	140	150MHz/0.5V	45	250	0.56	400	950
KTW0805UCR15□SC	G、J、K	150	100MHz/0.5V	45	250	0.56	400	920
KTW0805UCR18□SC	G、J、K	180	100MHz/0.5V	45	250	0.64	400	870
KTW0805UCR20□SC	G、J、K	200	100MHz/0.5V	40	250	1.10	400	850
KTW0805UCR22□SC	G、J、K	220	100MHz/0.5V	40	250	1.05	400	850
KTW0805UCR23□SC	G、J、K	230	100MHz/0.5V	40	250	1.10	350	850
KTW0805UCR24□SC	G、J、K	240	100MHz/0.5V	40	250	1.10	350	850

All specifications are subject to change without notice.

KTW0805UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW0805UCR25□SC	G、J、K	250	100MHz/0.5V	40	250	1.40	350	650
KTW0805UCR27□SC	G、J、K	270	100MHz/0.5V	40	250	1.10	350	650
KTW0805UCR29□SC	G、J、K	290	100MHz/0.5V	40	250	1.55	350	600
KTW0805UCR30□SC	G、J、K	300	100MHz/0.5V	40	250	1.55	350	600
KTW0805UCR33□SC	G、J、K	330	100MHz/0.5V	40	250	1.40	310	600
KTW0805UCR36□SC	G、J、K	360	100MHz/0.5V	40	250	1.50	290	560
KTW0805UCR39□SC	G、J、K	390	100MHz/0.5V	40	250	1.50	290	560
KTW0805UCR43□SC	J、K	430	100MHz/0.5V	33	100	2.00	260	420
KTW0805UCR47□SC	J、K	470	50MHz/0.5V	33	100	2.00	250	375
KTW0805UCR51□SC	J、K	510	25MHz/0.5V	30	100	3.20	150	530
KTW0805UCR56□SC	J、K	560	25MHz/0.5V	23	50	1.90	230	340
KTW0805UCR62□SC	J、K	620	25MHz/0.5V	23	50	2.08	200	320
KTW0805UCR68□SC	J、K	680	25MHz/0.5V	23	50	2.10	190	300
KTW0805UCR75□SC	J、K	750	25MHz/0.5V	23	50	2.12	180	280
KTW0805UCR82□SC	J、K	820	25MHz/0.5V	23	50	2.14	180	250
KTW0805UCR91□SC	J、K	910	25MHz/0.5V	20	50	2.28	180	220
KTW0805UC1R0□SC	J、K	1000	25MHz/0.5V	20	50	2.40	170	200
KTW0805UC1R2□SC	J、K	1200	7.9MHz/0.5V	18	50	2.55	170	180
KTW0805UC1R5□SC	J、K	1500	7.9MHz/0.5V	18	50	2.80	160	170
KTW0805UC1R8□SC	J、K	1800	7.9MHz/0.5V	18	50	3.80	150	140
KTW0805UC2R2□SC	J、K	2200	7.9MHz/0.5V	16	7.9	4.20	150	50

KTW1008UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW1008UC3N9□SC	J、K	3.9	50MHz/0.5V	50	1500	0.035	1000	6000
KTW1008UC4N3□SC	J、K	4.3	50MHz/0.5V	50	1500	0.04	1000	6000
KTW1008UC4N7□SC	J、K	4.7	50MHz/0.5V	50	1500	0.045	1000	6000
KTW1008UC5N6□SC	J、K	5.6	50MHz/0.5V	30	1000	0.18	1000	6000
KTW1008UC010□SC	G、J、K	10	50MHz/0.5V	50	500	0.08	1000	4100
KTW1008UC012□SC	G、J、K	12	50MHz/0.5V	50	500	0.09	1000	3300
KTW1008UC015□SC	G、J、K	15	50MHz/0.5V	45	500	0.15	1000	2500
KTW1008UC018□SC	G、J、K	18	50MHz/0.5V	50	350	0.11	1000	2500
KTW1008UC020□SC	G、J、K	20	50MHz/0.5V	50	350	0.12	1000	2400
KTW1008UC022□SC	G、J、K	22	50MHz/0.5V	55	350	0.12	1000	2400
KTW1008UC024□SC	G、J、K	24	50MHz/0.5V	55	350	0.12	1000	2400
KTW1008UC027□SC	G、J、K	27	50MHz/0.5V	55	350	0.13	1000	1600
KTW1008UC033□SC	G、J、K	33	50MHz/0.5V	60	350	0.14	1000	1600
KTW1008UC036□SC	G、J、K	36	50MHz/0.5V	60	350	0.14	1000	1550
KTW1008UC039□SC	G、J、K	39	50MHz/0.5V	60	350	0.15	1000	1500
KTW1008UC047□SC	G、J、K	47	50MHz/0.5V	65	350	0.16	1000	1500
KTW1008UC051□SC	G、J、K	51	50MHz/0.5V	65	350	0.17	1000	1100
KTW1008UC056□SC	G、J、K	56	50MHz/0.5V	65	350	0.18	1000	1100
KTW1008UC068□SC	G、J、K	68	50MHz/0.5V	65	350	0.20	1000	1000

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KTW1008UC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW1008UC075□SC	G、J、K	75	50MHz/0.5V	60	350	0.20	1000	1000
KTW1008UC082□SC	G、J、K	82	50MHz/0.5V	60	350	0.22	1000	1000
KTW1008UC090□SC	G、J、K	90	50MHz/0.5V	60	350	0.30	1000	1000
KTW1008UC091□SC	G、J、K	91	50MHz/0.5V	60	350	0.30	1000	1000
KTW1008UCR10□SC	G、J、K	100	25MHz/0.5V	60	350	0.56	650	1000
KTW1008UCR11□SC	G、J、K	110	25MHz/0.5V	60	350	0.60	650	950
KTW1008UCR12□SC	G、J、K	120	25MHz/0.5V	60	350	0.63	650	950
KTW1008UCR14□SC	G、J、K	140	25MHz/0.5V	45	100	0.68	600	900
KTW1008UCR15□SC	G、J、K	150	25MHz/0.5V	45	100	0.70	580	800
KTW1008UCR16□SC	G、J、K	160	25MHz/0.5V	45	100	0.75	580	800
KTW1008UCR18□SC	G、J、K	180	25MHz/0.5V	45	100	0.77	620	640
KTW1008UCR20□SC	G、J、K	200	25MHz/0.5V	45	100	0.80	550	620
KTW1008UCR22□SC	G、J、K	220	25MHz/0.5V	45	100	0.84	500	620
KTW1008UCR24□SC	G、J、K	240	25MHz/0.5V	45	100	0.88	500	600
KTW1008UCR27□SC	G、J、K	270	25MHz/0.5V	45	100	0.91	500	600
KTW1008UCR30□SC	G、J、K	300	25MHz/0.5V	45	100	1.00	500	520
KTW1008UCR33□SC	G、J、K	330	25MHz/0.5V	45	100	1.05	450	500
KTW1008UCR36□SC	G、J、K	360	25MHz/0.5V	45	100	1.10	470	480
KTW1008UCR39□SC	G、J、K	390	25MHz/0.5V	45	100	1.12	470	480
KTW1008UCR43□SC	G、J、K	430	25MHz/0.5V	45	100	1.12	400	420
KTW1008UCR47□SC	G、J、K	470	25MHz/0.5V	45	100	1.19	470	450
KTW1008UCR50□SC	G、J、K	500	25MHz/0.5V	45	100	1.25	400	450
KTW1008UCR51□SC	G、J、K	510	25MHz/0.5V	45	100	1.30	400	430
KTW1008UCR56□SC	G、J、K	560	25MHz/0.5V	45	100	1.33	400	415
KTW1008UCR62□SC	G、J、K	620	25MHz/0.5V	45	100	1.40	400	375
KTW1008UCR66□SC	G、J、K	660	25MHz/0.5V	45	100	1.47	400	375
KTW1008UCR68□SC	G、J、K	680	25MHz/0.5V	45	100	1.47	400	375
KTW1008UCR75□SC	G、J、K	750	25MHz/0.5V	45	100	1.54	360	360
KTW1008UCR82□SC	G、J、K	820	25MHz/0.5V	45	100	1.61	400	250
KTW1008UCR91□SC	G、J、K	910	25MHz/0.5V	35	50	1.68	380	220
KTW1008UC1R0□SC	G、J、K	1000	25MHz/0.5V	35	50	1.75	370	210
KTW1008UC1R2□SC	G、J、K	1200	7.9MHz/0.5V	35	50	2.00	310	200
KTW1008UC1R5□SC	G、J、K	1500	7.9MHz/0.5V	28	50	2.30	330	180
KTW1008UC1R8□SC	G、J、K	1800	7.9MHz/0.5V	28	50	2.60	300	160
KTW1008UC2R0□SC	G、J、K	2000	7.9MHz/0.5V	20	50	2.80	280	90
KTW1008UC2R2□SC	G、J、K	2200	7.9MHz/0.5V	20	50	2.80	280	90
KTW1008UC2R7□SC	G、J、K	2700	7.9MHz/0.5V	22	25	3.20	290	80
KTW1008UC3R0□SC	G、J、K	3000	7.9MHz/0.5V	22	25	3.30	290	80
KTW1008UC3R3□SC	G、J、K	3300	7.9MHz/0.5V	22	25	3.40	290	70
KTW1008UC3R9□SC	G、J、K	3900	7.9MHz/0.5V	16	25	3.60	260	60
KTW1008UC4R3□SC	G、J、K	4300	7.9MHz/0.5V	18	25	3.80	260	60
KTW1008UC4R7□SC	J、K	4700	7.9MHz/0.5V	18	25	4.00	260	60
KTW1008UC5R6□SC	J、K	5600	7.9MHz/0.5V	18	7.9	7.60	240	55
KTW1008UC6R8□SC	J、K	6800	7.9MHz/0.5V	18	7.9	8.20	200	50
KTW1008UC7R5□SC	J、K	7500	7.9MHz/0.5V	18	7.9	8.00	180	45
KTW1008UC8R2□SC	J、K	8200	7.9MHz/0.5V	18	7.9	8.20	170	40

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KTW1210HC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max.②	Rated current (mA) ③	SRF(MHz) min.
KTW1210HC3N9□SC	K	3.9	100MHz/0.5V	30	300	0.05	1000	6000
KTW1210HC4N7□SC	J、K	4.7	100MHz/0.5V	30	300	0.065	1000	5800
KTW1210HC8N2□SC	K	8.2	100MHz/0.5V	30	300	0.07	1000	5500
KTW1210HC010□SC	G、J、K	10	100MHz/0.5V	40	300	0.08	1000	4000
KTW1210HC012□SC	G、J、K	12	100MHz/0.5V	40	300	0.08	1000	3200
KTW1210HC015□SC	J、K	15	100MHz/0.5V	40	300	0.10	1000	3200
KTW1210HC018□SC	G、J、K	18	100MHz/0.5V	50	300	0.10	1000	2800
KTW1210HC022□SC	G、J、K	22	100MHz/0.5V	50	300	0.10	1000	2000
KTW1210HC027□SC	G、J、K	27	100MHz/0.5V	50	300	0.11	1000	1800
KTW1210HC033□SC	G、J、K	33	100MHz/0.5V	55	300	0.11	1000	1800
KTW1210HC039□SC	G、J、K	39	100MHz/0.5V	55	300	0.12	1000	1800
KTW1210HC043□SC	G、J、K	43	100MHz/0.5V	55	300	0.12	1000	1500
KTW1210HC047□SC	G、J、K	47	100MHz/0.5V	55	300	0.13	1000	1500
KTW1210HC056□SC	G、J、K	56	100MHz/0.5V	55	300	0.14	1000	1450
KTW1210HC068□SC	G、J、K	68	100MHz/0.5V	55	300	0.15	900	1200
KTW1210HC082□SC	G、J、K	82	100MHz/0.5V	55	300	0.20	900	1000
KTW1210HCR10□SC	G、J、K	100	100MHz/0.5V	55	300	0.21	850	900
KTW1210HCR12□SC	G、J、K	120	100MHz/0.5V	60	300	0.21	800	800
KTW1210HCR15□SC	G、J、K	150	100MHz/0.5V	60	300	0.25	750	780
KTW1210HCR18□SC	G、J、K	180	50MHz/0.5V	60	300	0.30	700	760
KTW1210HCR20□SC	G、J、K	200	50MHz/0.5V	60	300	0.31	680	650
KTW1210HCR22□SC	G、J、K	220	50MHz/0.5V	60	300	0.32	670	650
KTW1210HCR24□SC	G、J、K	240	50MHz/0.5V	60	300	0.32	650	600
KTW1210HCR27□SC	G、J、K	270	50MHz/0.5V	55	300	0.34	630	620
KTW1210HCR30□SC	G、J、K	300	50MHz/0.5V	45	150	0.35	600	600
KTW1210HCR33□SC	G、J、K	330	50MHz/0.5V	45	150	0.38	590	600
KTW1210HCR37□SC	G、J、K	370	50MHz/0.5V	45	150	0.50	550	550
KTW1210HCR39□SC	G、J、K	390	50MHz/0.5V	45	150	0.58	530	510
KTW1210HCR43□SC	G、J、K	430	50MHz/0.5V	45	150	0.65	500	500
KTW1210HCR47□SC	G、J、K	470	50MHz/0.5V	45	150	0.80	490	500
KTW1210HCR56□SC	G、J、K	560	35MHz/0.5V	45	150	1.10	460	420
KTW1210HCR60□SC	G、J、K	600	35MHz/0.5V	45	150	1.20	450	420
KTW1210HCR62□SC	G、J、K	620	35MHz/0.5V	45	150	1.20	430	420
KTW1210HCR68□SC	G、J、K	680	35MHz/0.5V	45	150	1.20	430	400
KTW1210HCR75□SC	G、J、K	750	35MHz/0.5V	45	150	1.70	400	380
KTW1210HCR82□SC	G、J、K	820	35MHz/0.5V	45	150	1.82	400	370
KTW1210HCR88□SC	G、J、K	880	35MHz/0.5V	45	150	1.85	350	360
KTW1210HCR91□SC	G、J、K	910	35MHz/0.5V	45	150	1.85	350	360
KTW1210HC1R0□SC	G、J、K	1000	35MHz/0.5V	45	150	1.85	320	340
KTW1210HC1R2□SC	G、J、K	1200	35MHz/0.5V	35	150	1.87	300	220
KTW1210HC1R3□SC	G、J、K	1300	35MHz/0.5V	35	150	1.90	300	280
KTW1210HC1R5□SC	G、J、K	1500	7.9MHz/0.5V	30	50	1.95	310	160
KTW1210HC1R8□SC	G、J、K	1800	7.9MHz/0.5V	30	50	2.25	310	160
KTW1210HC2R2□SC	G、J、K	2200	7.9MHz/0.5V	30	50	2.41	310	110
KTW1210HC2R6□SC	G、J、K	2600	7.9MHz/0.5V	25	25	2.50	300	100
KTW1210HC2R7□SC	G、J、K	2700	7.9MHz/0.5V	25	25	2.85	300	100

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KTW1210HC Electrical Characteristics

Part Number	Tolerance	Inductance (nH) ①	Inductance Test Conditions	Q value min.	Q value Test frequency (MHz)	DCR(Ω) max. ②	Rated current (mA) ③	SRF(MHz) min.
KTW1210HC3R3□SC	G、J、K	3300	7.9MHz/0.5V	20	25	3.12	300	85
KTW1210HC3R5□SC	G、J、K	3500	7.9MHz/0.5V	20	25	3.20	300	82
KTW1210HC3R9□SC	G、J、K	3900	7.9MHz/0.5V	20	25	3.60	290	80
KTW1210HC4R7□SC	J、K	4700	7.9MHz/0.5V	16	25	4.00	280	60
KTW1210HC5R6□SC	J、K	5600	7.9MHz/0.5V	20	7.9	5.00	250	60
KTW1210HC6R8□SC	J、K	6800	7.9MHz/0.5V	20	7.9	8.00	230	55
KTW1210HC7R5□SC	J、K	7500	7.9MHz/0.5V	20	7.9	8.50	200	50
KTW1210HC8R2□SC	J、K	8200	7.9MHz/0.5V	20	7.9	8.60	170	50
KTW1210HC8R6□SC	J、K	8600	7.9MHz/0.5V	20	7.9	9.00	160	40
KTW1210HC100□SC	J、K	10000	7.9MHz/0.5V	22	7.9	6.80	200	20

Note：

① Inductance tested using an Agilent/HP4286A or equivalent.

② DCR measured on a micro-ohmmeter.

③ Rated current: The DC current at which the temperature rise △t=40℃(Ta=20℃).

④ Represents the tolerance of inductance: G (±2%); J (±5%); K (±10%).