

WIRE WOUND CHIP INDUCTOR

OUTLINE

Wire wound chip inductor is a perfect combine by means of combining high precision coil framework with superb wound technology .comparable with traditional inductor, it is improved technology, reduced and changed the lead into a kind of terminal electrode structure suitable for SMT



FEATURES

- Miniature size, Suitable for SMT;
- Using terminal electrode structure; to restrain the parasitic component effect quite caused by lead;
- Better frequency special property and intense ability to resist interference;
- Excellent in solder ability and heat resistance;
- High application frequency, high precision production and good unanimity.

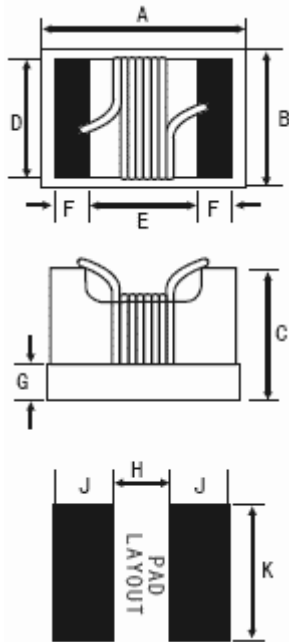
HOW TO ORDER

FHW	0805	UC	R10	J	G	T
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Product Code	Dimension		Material		Nominal inductance	Tolerance	Terminal		Packaging Style	
FHW	0603	0.6x0.3	UC	ceramic core	3N3=3.3	F=±1%	G	GOLD	B	Bulk
	0805	0.8x0.5	UF	ferrite core	0.22=22	G=±2%	S	TIN	T	Tape & Reel
	1008	1.0x1.8			R56=560	J=±5%				
	1210	1.2x1.0			1R2=1200	K=±10%				
					100=10000	M=±20%				
					101=100000					

DIMENSIONS

CODE		A	B	C	D	E	F	G	H	I	J
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
0603UC	inch	.067	.046	.040	.030	.036	.012	.020	.025	.025	.040
	mm	1.70	1.16	1.02	0.76	0.92	0.30	0.51	0.64	0.64	1.02
0805UC	inch	.095	.070	.055	.050	.041	.020	.020	.030	.040	.070
	mm	2.41	1.78	1.40	1.27	1.63	0.51	0.51	0.76	1.02	1.78
1008UC	inch	.115	.110	.088	.079	.056	.020	.020	.050	.040	.100
	mm	2.92	2.79	2.24	2.00	1.43	0.51	0.51	1.27	1.02	2.54
1210HC	inch	.142	.115	.104	.098	.087	.020	.020	.075	.040	.119
	mm	3.60	2.92	2.64	2.50	2.20	0.51	0.51	1.90	1.02	3.02
0603UF	inch	.067	.046	.040	.030	.036	.012	.020	.020	.025	.040
	mm	1.70	1.16	1.02	0.76	0.92	0.30	0.51	0.51	0.64	1.02
0805UF	inch	.095	.070	.055	.050	.041	.020	.020	.030	.040	.070
	mm	2.41	1.78	1.40	1.27	1.03	0.51	0.51	0.76	1.02	1.78
1008UF	inch	.115	.110	.088	.079	.056	.020	.020	.050	.040	.100
	mm	2.92	2.79	2.24	2.00	1.43	0.51	0.51	1.27	1.02	2.54
1210HF	inch	.142	.115	.104	.098	.087	.020	.020	.075	.040	.119
	mm	3.60	2.92	2.64	2.50	2.20	0.51	0.51	1.90	1.02	3.02



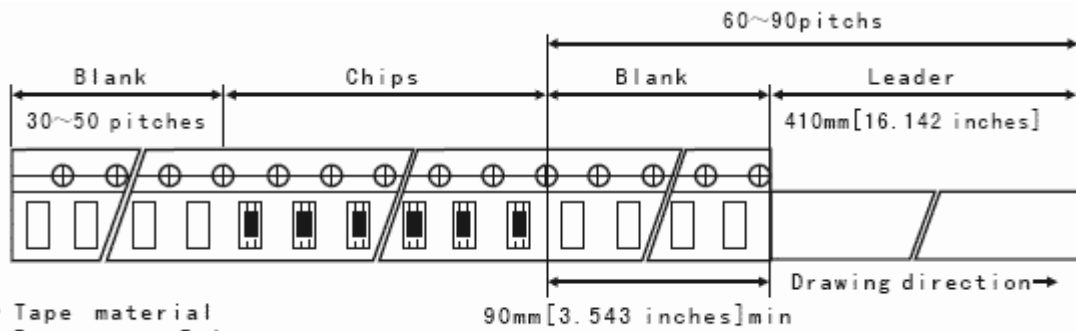
WIRE WOUND CHIP INDUCTOR

PACKAGE QUANTITY

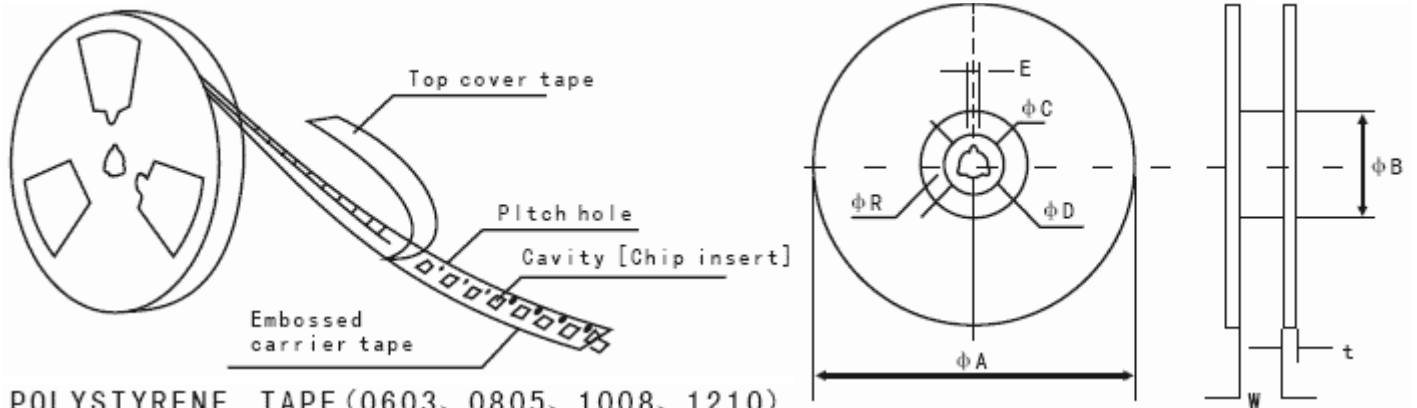
Dimensions: mm(inch)

	0603	0805	1008	1210
A	1.29 (0.051)	2.20 (0.087)	3.10 (0.122)	2.82 (0.111)
B	2.19 (0.086)	2.70 (0.106)	3.20 (0.126)	3.42 (0.135)
T	1.02 (0.040)	1.40 (0.055)	2.24 (0.088)	2.50 (0.098)
chips/reel	2000pcs	2000pcs	2000pcs	2000pcs

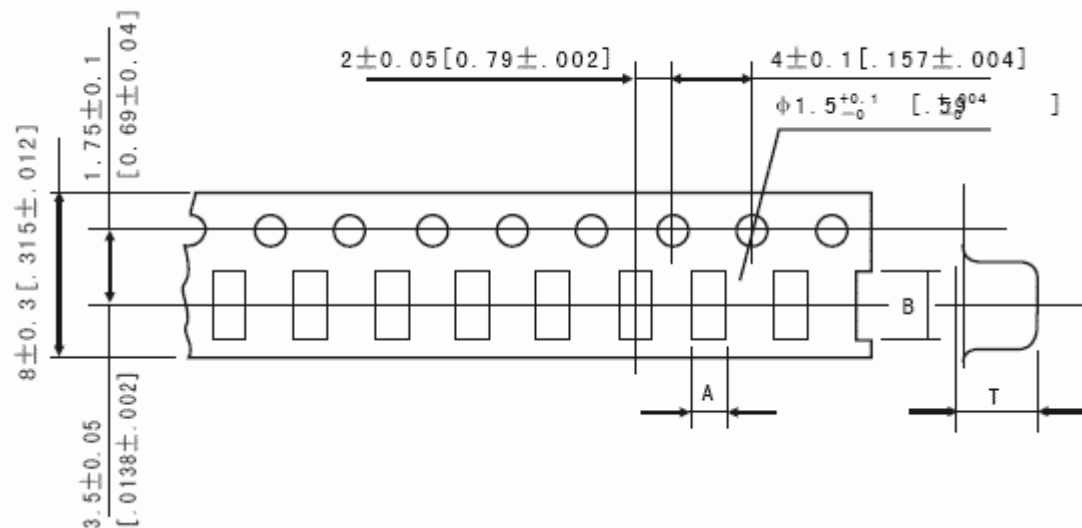
mm(inch)	
ΦA	178±2 (7.008±0.079)
ΦB	60±1 (2.362±0.039)
ΦC	13.0±0.5 (0.512±0.02)
ΦD	21.0±0.8 (0.827±0.03)
E	2.0±0.5 (0.079±0.002)
W	10.0±1.0 (0.394±0.039)
T	2.0±0.5 (0.078±0.02)
R	1.0 (0.039)



- Tape material
 Base tape: Polystyrene
 Cover tape: Polyethylene




POLYSTYRENE TAPE (0603, 0805, 1008, 1210)



WIRE WOUND CHIP INDUCTOR

RELIABILITY AND TEST CONDITION

ITEM		specification	Test Method/Condition
Operating Temperature Range		ceramic core -40°C~+125°C ferrite core -40°C~+85°C	
Solder ability		The metal sized area must have more than 90% solder coverage. .	Dip pads in flux (Alpha 100 or equiv) and dip in solder pot (63Sn/37Pb solder) at 232±5°C for five seconds
Resistance to Soldering Heat		The metal sized area must have more than 75% solder coverage.	Inductors shall be reflowed on to a P.C board using 63Sn/37Pb solder paste. Solder process shall be 230°C for 20±2 seconds and 260°C for 5±2 seconds.
Dielectric Withstanding Voltage		No evidence of voltage breakdown.	500V AC between inductor terminals and center of case for one minute.
Thermal Shock		1. There shall be no case deformation or change in appearance. 2. Inductance shall not change more than ±5%. 3. Q shall not change more than ±10%.	Inductors shall be subjected ten times to the following temperature cycle : 1. -40 °C for 30 minutes 2. +125 °C for 30 minutes Inductors to be tested 1 hour at room temperature.
High Temperature Storage			Inductors shall be subjected to 95±5% for 100 hours inductors are to be tested after two hour at room temperature.
Low Temperature Storage			Inductors shall be subjected to -40±2°C for 48 hours. Inductors are to be tested after one hour at room temperature
Component Adhesion (push test)		4lbs.	
Coefficient of Expansion		6.7ppm/°C	
Insulation Resistance		1000MΩ minimum	100V DC between inductor terminals and center case
Static Humidity		1. Inductance shall not change more than ±5%. 2. Q shall not change more than ±10%.	Inductors shall be subjected to 95±5% R.H. at 50±2°C for 100 hours. Inductors are to be tested after having air dried for two hours.
High Temperature Load Life		Inductors shall not have a shorted or open winding.	Inductors shall be stored at 110°C for 1000 hours with rated current applied. Inductor shall be tested after one hours at room temperature.
Life	Moisture Resistance	1. There shall be no case deformation or change in appearance °	Inductors shall be subjected for 240 hours at 25~65°C at 80~95% R.H ., Inductors are to be tested after two hours at room temperature.
	Random Vibration	2. Inductance shall not change more than ±5%. 3. Q shall not change more than ±10%.	Inductors shall be randomly vibrated per vibrated profile for 15 minutes
Others	Mechanical Shock	There shall be no case deformation ,change in appearance or obliteration of marking	
	Resistance to Solvent		Inductors shall withstand boiling Freon TMS for 6 minutes or boiling 1-1-1 Trichloroethane for 3 minutes

WIRE WOUND CHIP INDUCTOR

CERAMIC CORE

PRODUCT SERIES

0603UC SERIES(1608)

Part Number	Inductance (nH)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Min (Ω)	IDC Max (mA)	900MHz L Typ Q Typ	1.7GHz L Typ Q Typ
FHW0603UC1N8KGT	1.8@250MHz	10	16	>6000	.045	700	1.63 35	1.66 50
FHW0603UC3N9KGT	3.9@250MHz	10	22	>6000	.080	700	3.95 49	3.96 67
FHW0603UC6N8KGT	6.8@250MHz	10	27	5800	.110	700	6.75 60	7.1 81
FHW0603UC010JGT	10@250MHz	5	31	4800	.130	700	10 66	10.6 83
FHW0603UC012JGT	12@250MHz	5	35	4000	.130	700	12.3 72	13.5 83
FHW0603UC015JGT	15@250MHz	5	35	4000	.170	700	15.4 64	16.8 89
FHW0603UC018JGT	18@250MHz	5	35	3100	.170	700	18.7 70	21.4 69
FHW0603UC022JGT	22@250MHz	5	38	3000	.190	700	22.8 73	26.1 71
FHW0603UC027JGT	27@250MHz	5,2	40	2800	.220	600	19.2 74	34.6 65
FHW0603UC033JGT	33@250MHz	5,2	40	2300	.220	600	36 67	49.5 42
FHW0603UC039JGT	39@250MHz	5,2	40	2200	.250	600	42.7 60	60.2 40
FHW0603UC047JGT	47@200MHz	5,2	38	2000	.280	600	53.5 62	77.2 35
FHW0603UC056JGT	56@200MHz	5,2	38	1900	.310	600	62.5 56	97 26
FHW0603UC068JGT	68@200MHz	5,2	37	1700	.340	600	80.5 54	168 21
FHW0603UC072JGT	72@150MHz	5,2	34	1700	.490	400	82.0 53	135 20
FHW0603UC082JGT	82@150MHz	5,2	34	1700	.540	400	96.2 54	177 21
FHW0603UCR10JGT	100@150MHz	5,2	34	1400	.580	400	124 49	
FHW0603UCR11JGT	110@150MHz	5,2	32	1350	.610	300	138 43	
FHW0603UCR12JGT	120@150MHz	5,2	32	1300	.650	300	166 39	

1 : Inductance & Q measured using HP4291A;

2 : RDC. measured using HP 4263B.

0805UC SERIES(2012)

Part Number	Inductance (nH)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Min (Ω)	IDC Max (mA)
FHW0805UC2N2KGT	2.2@250MHz	20,10,5	50@1500MHz	6000	.05	600
FHW0805UC3N3KGT	3.3@250MHz	20,10,5	50@1500MHz	6000	.08	600
FHW0805UC6N8KGT	6.8@250MHz	20,10,5	50@1000MHz	5500	.11	600
FHW0805UC8N2KGT	8.2@250MHz	20,10,5	50@1000MHz	5000	.12	600
FHW0805UC012JGT	12@250MHz	20,10,5	50@500MHz	4500	.15	600
FHW0805UC015JGT	15@250MHz	20,10,5	50@500MHz	4100	.17	600
FHW0805UC018JGT	18@250MHz	20,10,5	50@500MHz	3500	.20	600
FHW0805UC022JGT	22@250MHz	20,10,5,2	55@500MHz	3200	.22	500
FHW0805UC027JGT	27@250MHz	20,10,5,2	55@500MHz	2700	.22	500
FHW0805UC033JGT	33@250MHz	20,10,5,2	60@500MHz	2750	.27	500
FHW0805UC039JGT	39@250MHz	20,10,5,2	60@500MHz	2100	.29	500
FHW0805UC047JGT	47@200MHz	20,10,5,2	60@500MHz	2000	.31	500
FHW0805UC056JGT	56@200MHz	10,5,2,1	60@500MHz	1900	.34	500
FHW0805UC068JGT	68@200MHz	10,5,2,1	60@500MHz	1700	.38	500
FHW0805UC082JGT	82@150MHz	10,5,2,1	65@500MHz	1600	.42	400
FHW0805UCR10JGT	100@150MHz	10,5,2,1	65@500MHz	1500	.46	400
FHW0805UCR12JGT	120@150MHz	10,5,2,1	50@250MHz	1300	.51	400
FHW0805UCR15JGT	150@100MHz	10,5,2,1	50@250MHz	1200	.56	400
FHW0805UCR18JGT	180@100MHz	10,5,2	50@250MHz	1100	.64	400
FHW0805UCR22JGT	220@100MHz	10,5,2	50@250MHz	1000	.70	400
FHW0805UCR27JGT	270@100MHz	10,5,2	48@250MHz	950	1.00	280
FHW0805UCR33JGT	330@100MHz	10,5,2	48@250MHz	890	1.20	260
FHW0805UCR39JGT	390@100MHz	10,5,2	48@250MHz	830	1.50	200
FHW0805UCR47JGT	470@100MHz	10,5,2	40@250MHz	750	1.76	170
FHW0805UCR56JGT	560@100MHz	10,5,2	40@250MHz	700	1.90	170
FHW0805UCR68JGT	680@60MHz	10,5,2	30@250MHz	650	2.03	170
FHW0805UCR82JGT	820@60MHz	10,5,2	30@250MHz	560	2.11	150

1. Inductance & Q measured using HP4291A;

2. RDC measured using HP4263B.

WIRE WOUND CHIP INDUCTOR

CERAMIC CORE

1008UC SERIES(2520)

Part Number	Inductance (nH)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Max (Ω)	IDC Max (mA)
FHW1008UC4N7KGT	4.7@50MHz	20,10	50@1500MHz	6000	.15	600
FHW1008UC8N2KGT	8.2@50MHz	20,10,5	50@1500MHz	5000	.22	600
FHW1008UC010KGT	10@50MHz	20,10,5	50@500MHz	4100	.08	1000
FHW1008UC012KGT	12@50MHz	20,10,5	50@500MHz	3300	.09	1000
FHW1008UC015KGT	15@50MHz	20,10,5	50@500MHz	2500	.10	1000
FHW1008UC018JGT	18@50MHz	20,10,5	50@350MHz	2500	.11	1000
FHW1008UC022JGT	22@50MHz	20,10,5,2	55@350MHz	2400	.12	1000
FHW1008UC027JGT	27@50MHz	20,10,5,2	55@350MHz	1600	.13	1000
FHW1008UC033JGT	33@50MHz	20,10,5,2	60@350MHz	1600	.14	1000
FHW1008UC039JGT	39@50MHz	20,10,5,2	60@350MHz	1500	.15	1000
FHW1008UC047JGT	47@50MHz	10,5,2	65@350MHz	1500	.16	1000
FHW1008UC056JGT	56@50MHz	10,5,2	65@350MHz	1300	.18	1000
FHW1008UC068JGT	68@50MHz	10,5,2	65@350MHz	1300	.20	1000
FHW1008UC082JGT	82@50MHz	10,5,2,1	60@350MHz	1000	.22	1000
FHW1008UCR10JGT	100@25MHz	10,5,2,1	60@350MHz	1000	.56	650
FHW1008UCR12JGT	120@25MHz	10,5,2,1	60@350MHz	950	.63	650
FHW1008UCR15JGT	150@25MHz	10,5,2,1	45@100MHz	850	.70	580
FHW1008UCR18JGT	180@25MHz	10,5,2,1	45@100MHz	750	.44	620
FHW1008UCR22JGT	220@25MHz	10,5,2,1	45@100MHz	700	.84	500
FHW1008UCR27JGT	270@25MHz	10,5,2,1	45@100MHz	600	.91	500
FHW1008UCR33JGT	330@25MHz	10,5,2,1	45@100MHz	570	1.05	450
FHW1008UCR39JGT	390@25MHz	10,5,2,1	45@100MHz	500	1.12	470
FHW1008UCR47JGT	470@25MHz	10,5,2,1	45@100MHz	450	1.19	400
FHW1008UCR56JGT	560@25MHz	10,5,2,1	45@100MHz	415	1.33	300
FHW1008UCR62JGT	620@25MHz	10,5,2,1	45@100MHz	375	1.40	400
FHW1008UCR68JGT	680@25MHz	10,5,2,1	45@100MHz	375	1.47	360
FHW1008UCR75JGT	750@25MHz	10,5,2,1	45@100MHz	360	1.54	400
FHW1008UCR82JGT	820@25MHz	10,5,2,1	45@100MHz	350	1.61	380
FHW1008UCR91JGT	910@25MHz	10,5,2,1	35@50MHz	320	1.68	370
FHW1008UC1R0JGT	1000@25MHz	10,5,2,1	35@50MHz	290	1.75	310
FHW1008UC1R2JGT	1200@7.9MHz	10,5,2	35@50MHz	350	2.00	330
FHW1008UC1R5JGT	1500@7.9MHz	10,5,2	28@50MHz	300	2.30	300
FHW1008UC1R8JGT	1800@7.9MHz	10,5,2	28@50MHz	160	2.60	280
FHW1008UC2R2JGT	2200@7.9MHz	10,5,2	28@50MHz	160	2.80	290
FHW1008UC2R7JGT	2700@7.9MHz	10,5,2	22@50MHz	140	3.20	290
FHW1008UC3R3JGT	3300@7.9MHz	10,5,2	22@50MHz	110	3.40	290
FHW1008UC3R9JGT	3900@7.9MHz	10,5,2	22@50MHz	100	3.45	260
FHW1008UC4R7JGT	4700@7.9MHz	10,5,2	22@50MHz	90	3.59	260

1 Inductance & Q measured using HP4291A;

2 RDC measured using HP4263B.

WIRE WOUND CHIP INDUCTOR

CERAMIC CORE

1210UC SERIES(3225)

Part Number	Inductance (nH)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Max (Ω)	IDC Max (mA)
FHW1210HC3N3KGT	3.3@100MHz	20,10,5	30@300MHz	6000	.050	1000
FHW1210HC6N8KGT	6.8@100MHz	20,10,5	30@300MHz	5500	.070	1000
FHW1210HC010JGT	10@100MHz	20,10,5	40@300MHz	4000	.080	1000
FHW1210HC012JGT	12@100MHz	20,10,5	40@300MHz	3200	.080	1000
FHW1210HC015JGT	15@100MHz	20,10,5	40@300MHz	3200	.100	1000
FHW1210HC018JGT	18@100MHz	20,10,5	50@300MHz	2800	.100	1000
FHW1210HC022JGT	22@100MHz	20,10,5,2	50@300MHz	2200	.100	1000
FHW1210HC027JGT	27@100MHz	20,10,5,2	50@300MHz	1800	.110	1000
FHW1210HC033JGT	33@100MHz	20,10,5,2	55@300MHz	1800	.110	1000
FHW1210HC039JGT	39@100MHz	20,10,5,2	55@300MHz	1800	.120	1000
FHW1210HC047JGT	47@100MHz	20,10,5,2	55@300MHz	1500	.130	1000
FHW1210HC056JGT	56@100MHz	10,5,2,1	55@300MHz	1450	.140	1000
FHW1210HC068JGT	68@100MHz	10,5,2,1	55@300MHz	1200	.260	900
FHW1210HC082JGT	82@100MHz	10,5,2,1	55@300MHz	1200	.210	900
FHW1210HCR10JGT	100@100MHz	10,5,2,1	55@300MHz	1100	.260	850
FHW1210HCR12JGT	120@100MHz	10,5,2,1	60@300MHz	1100	.260	800
FHW1210HCR15JGT	150@100MHz	10,5,2,1	60@300MHz	950	.310	750
FHW1210HCR18JGT	180@50MHz	10,5,2,1	60@300MHz	900	.430	700
FHW1210HCR22JGT	220@50MHz	10,5,2,1	60@300MHz	760	.500	670
FHW1210HCR27JGT	270@50MHz	10,5,2,1	55@150MHz	730	.560	630
FHW1210HCR33JGT	330@50MHz	10,5,2,1	45@150MHz	650	.620	590
FHW1210HCR39JGT	390@50MHz	10,5,2,1	45@150MHz	600	.750	530
FHW1210HCR47JGT	470@50MHz	10,5,2,1	45@150MHz	550	1.300	490
FHW1210HCR56JGT	560@50MHz	10,5,2,1	45@150MHz	470	1.340	460
FHW1210HCR68JGT	680@35MHz	10,5,2,1	45@150MHz	450	1.580	430
FHW1210HCR82JGT	820@35MHz	10,5,2,1	45@150MHz	420	1.820	400
FHW1210HC1R0JGT	1000@35MHz	10,5,2,1	45@150MHz	400	2.020	320
FHW1210HC1R2JGT	1200@35MHz	10,5,2	45@150MHz	380	2.410	300

1. Inductance & Q measured using HP4291A;

2.RDC measured using HP4263B.

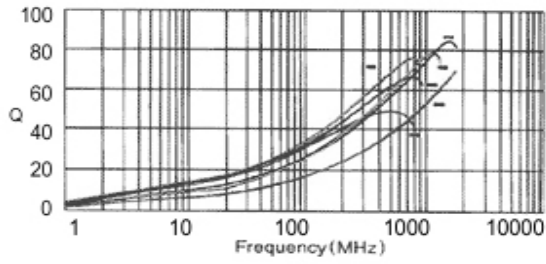
WIRE WOUND CHIP INDUCTOR

CERAMIC CORE

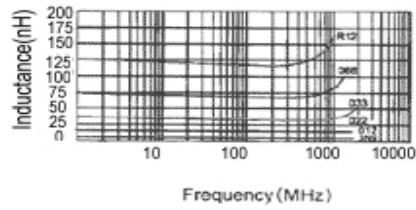
TYPICAL CHARACTERISTICS

0603UC SERIES (1608)

TYPICAL Q vs FREQUENCY

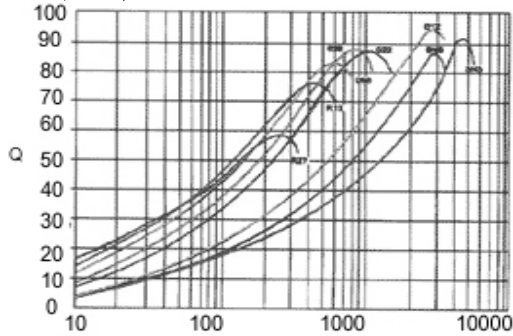


L vs FREQUENCY

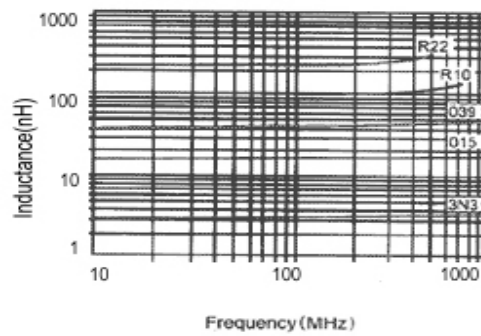


0805UC SERIES (2012)

TYPICAL Q vs FREQUENCY



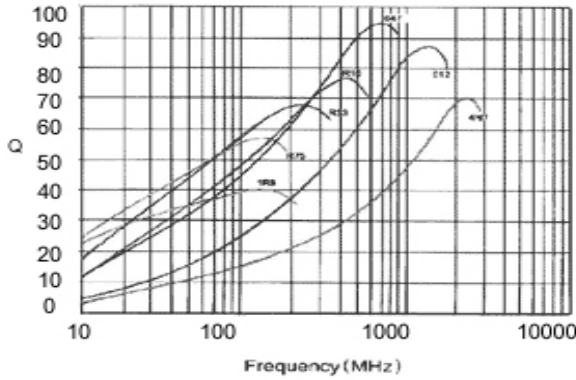
L vs FREQUENCY



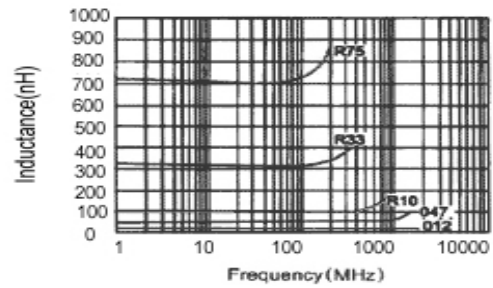
1008UC SERIES (2520)

Frequency (MHz)

TYPICAL Q vs FREQUENCY

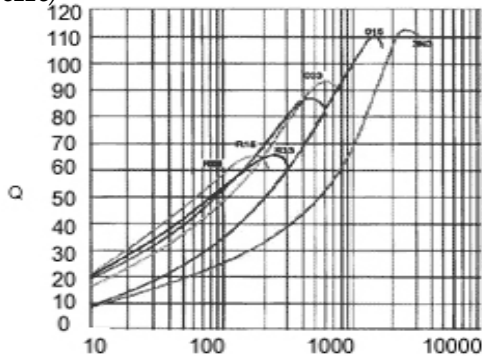


L vs FREQUENCY

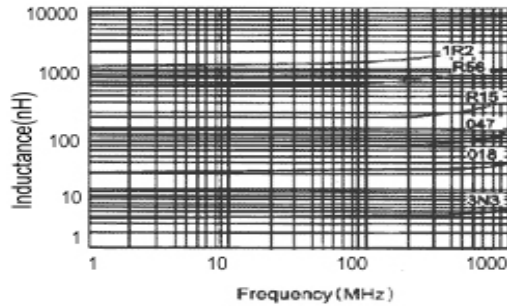


1210UC SERIES(3225)

TYPICAL Q vs FREQUENCY



L vs FREQUENCY



WIRE WOUND CHIP INDUCTOR

FERRITE CORE

PRODUCT SERIES

0603UF SERIES (1608)

Part Number	Inductance (μ H)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Max (Ω)	IDC Max (mA)
FHW0603UF1R2KST	1.2@7.9MHz	10,5	48@50MHz	210	.68	650
FHW0603UF1R5KST	1.5@7.9MHz	10,5	41@50MHz	190	.76	630
FHW0603UF1R8KST	1.8@7.9MHz	10,5	39@50MHz	170	.80	600
FHW0603UF2R2KST	2.2@7.9MHz	10,5	34@50MHz	150	1.10	520
FHW0603UF2R7KST	2.7@7.9MHz	10,5	34@50MHz	135	1.28	490
FHW0603UF3R3KST	3.3@7.9MHz	10,5	32@50MHz	120	1.46	450
FHW0603UF3R9KST	3.9@7.9MHz	10,5	32@7.9MHz	105	1.56	420

1. Inductance& Q measured using HP4291A;

2. RDC measured using HP 4263B.

0805UF SERIES (2012)

Part Number	Inductance (μ H)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Max (Ω)	1DC Max (mA)
FHW0805UF1R2KST	1.2@7.9MHz	10,5	48@50MHz	210	.68	650
FHW0805UF1R5KST	1.5@7.9MHz	10,5	41@50MHz	190	.76	630
FHW0805UF1R8KST	1.8@7.9MHz	10,5	39@50MHz	170	.80	600
FHW0805UF2R2KST	2.2@7.9MHz	10,5	34@50MHz	150	1.10	520
FHW0805UF2R7KST	2.7@7.9MHz	10,5	34@50MHz	135	1.28	490
FHW0805UF3R3KST	3.3@7.9MHz	10,5	32@50MHz	120	1.46	450
FHW0805UF3R9KST	3.9@7.9MHz	10,5	32@7.9MHz	105	1.56	420
FHW0805UF4R7KST	4.7@7.9MHz	10,5	31@7.9MHz	90	1.68	400
FHW0805UF5R6KST	5.6@7.9MHz	10,5	31@7.9MHz	80	1.82	380
FHW0805UF6R8KST	6.8@7.9MHz	10,5	31@7.9MHz	70	2.00	360

1. Inductance& Q measured using HP4291A;

2. RDC measured using HP 4263B.

1008UF SERIES(2520)

Part Number	Inductance (μ H)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Max (Ω)	IDC Max (mA)
FHW1008UF1R2KST	1.2@7.9MHz	10,5	48@50MHz	210	.68	650
FHW1008UF1R5KST	1.5@7.9MHz	10,5	41@50MHz	190	.76	630
FHW1008UF1R8KST	1.8@7.9MHz	10,5	39@50MHz	170	.80	600
FHW1008UF2R2KST	2.2@7.9MHz	10,5	34@50MHz	150	1.10	520
FHW1008UF2R7KST	2.7@7.9MHz	10,5	34@50MHz	135	1.28	490
FHW1008UF3R3KST	3.3@7.9MHz	10,5	32@50MHz	120	1.46	450
FHW1008UF3R9KST	3.9@7.9MHz	10,5	32@7.9MHz	105	1.56	420
FHW1008UF4R7KST	4.7@7.9MHz	10,5	31@7.9MHz	90	1.68	400
FHW1008UF5R6KST	5.6@7.9MHz	10,5	31@7.9MHz	80	1.82	380
FHW1008UF6R8KST	6.8@7.9MHz	10,5	31@7.9MHz	70	2.00	360
FHW1008UF8R2KST	8.2@7.9MHz	10,5	23@7.9MHz	65	2.22	330

WIRE WOUND CHIP INDUCTOR

FHW1008UF100KST	10.0@2.52MHz	10,5	20@2.52MHz	60	2.50	300
FHW1008UF101KST	100.0@0.796MHz	10,5	15@0.796MHz	10	20.5	5

1. Inductance & Q measured using HP4291A;

2. RDC measured using HP 4263B.

1210HF SERIES(3225)

Part Number	Inductance (μH)	Percent Tolerance	Q Min	SRF Min (MHz)	RDC Max (Ω)	IDC Max (mA)
FHW1210HF100KST	10@2.52MHz	10,5	30@2.52MHz	60	1.65	430
FHW1210HF120KST	12@2.52MHz	10,5	25@2.52MHz	60	1.95	410
FHW1210HF150KST	15@2.52MHz	10,5	25@2.52MHz	56	2.02	390
FHW1210HF180KST	18@2.52MHz	10,5	25@2.52MHz	46	2.60	375
FHW1210HF220KST	22@2.52MHz	10,5	25@2.52MHz	35	3.35	350
FHW1210HF330KST	33@2.52MHz	10,5	25@2.52MHz	25	4.39	310
FHW1210HF470KST	47@2.52MHz	10,5	25@2.52MHz	20	5.20	275
FHW1210HF101KST	100@0.796MHz	10,5	20@0.796MHz	9.5	11.5	200
FHW1210HF121KST	120@0.796MHz	10,5	20@0.796MHz	8.5	13.5	185
FHW1210HF151KST	150@0.796MHz	10,5	20@0.796MHz	8.5	16.5	170
FHW1210HF181KST	180@0.796MHz	10,5	20@0.796MHz	8.0	20.5	165
FHW1210HF221KST	220@0.796MHz	10,5	15@0.796MHz	7.0	16.5	150
FHW1210HF331KST	330@0.796MHz	10,5	15@0.796MHz	5.0	24.5	125
FHW1210HF471KST	470@0.796MHz	10,5	10@0.796MHz	3.2	28.5	100

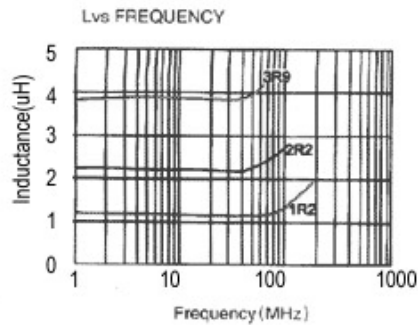
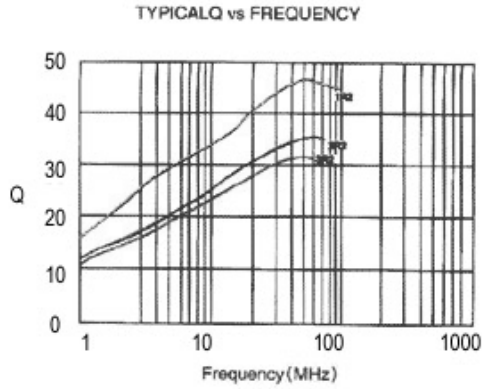
1. Inductance & Q measured using HP4291A;

2. RDC measured using HP 4263B.

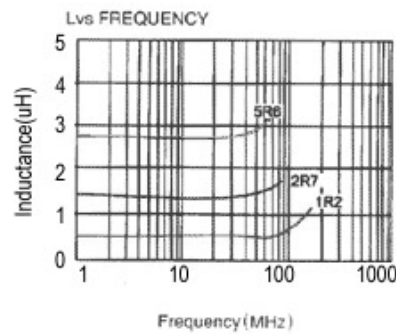
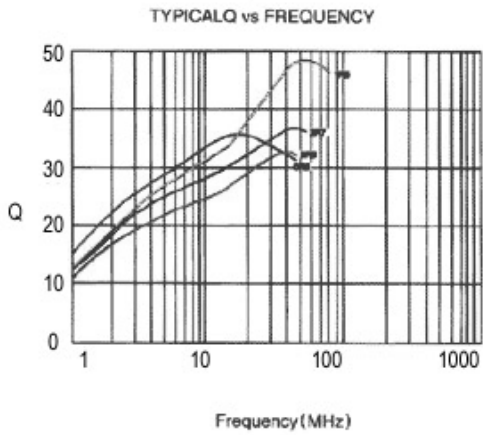
WIRE WOUND CHIP INDUCTOR

TYPICAL CHARACTERISTICS

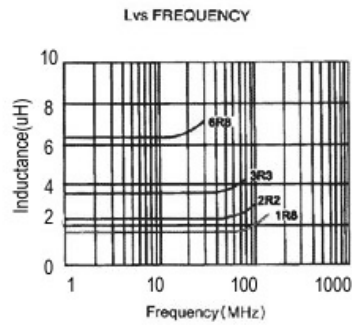
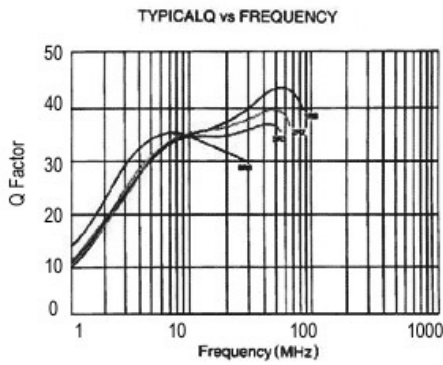
0603UF SERIES (1608)



0805UF SERIES (2012)



1008UF SERIES(2520)



1210UF SERIES(3225)

