



RF Inductors WireWound Inductors

Johanson high frequency High-Q chip inductors feature a monolithic body made of low loss ceramic wound with wire to achieve optimal high frequency performance.

These RF chip inductors are compact in size and are provided on tape and reel packaging which makes them ideal for high volume RF applications. They feature a nickel barrier with a top plating of gold for the ceramic core types (all 0402, all 0603, and most 0805 types), and with a top plating of 100% tin for the ferrite core types (0805 size, 470 nH and higher). Most inductance values between those listed are available on request.

Features:

- Compact in Size
- Provided in Tape and Reel
- Nickel Barrier with a top plating of gold for ceramic core types

Applications:

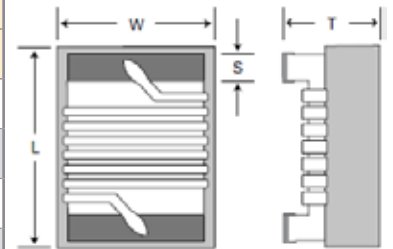
- CELL/PCS Modules
- Wireless LAN
- Broadband Components
- RF Transceivers
- RFID
- Cordless Phone
- Cable Modem
- Computer Peripherals
- Bluetooth
- ASDL

Product Range Summary

EIA Sie (mm)	Size Code	L Range	Q Factor (Typ.)	SRF(Typ.)	Temperature
0402 (1005)	L-07	1.0 - 120 nH	55 (900 MHz)	>11 GHz (1.0 nH)	-40°C to +125°C
0603 (1608)	L-14	2.0 - 470 nH	60 (900 MHz)	>13 GHz (2.0 nH)	-40°C to +125°C
0805 (2012)	L-15	2.2 - 10,000 nH	60 (500 MHz)	>11 GHz (2.2 nH)	-40°C to +125°C

Mechanical Characteristics

Size	0402 (1005)		0603 (1608)		0805 (2012)	
	Inches	mm	Inches	mm	Inches	mm
Length	.039 ± .004"	(1.00 ± .10)	.039 ± .008"	(1.60 ± .20)	.079 ± .008"	(2.00 ± .20)
Width	.022 ± .004"	(0.55 ± .10)	.041 ± .008"	(1.05 ± .20)	.049 ± .008"	(1.25 ± .20)
Thickness	.020 ± .004"	(0.50 ± .10)	.041 ± .008"	(1.05 ± .20)	.047 ± .008"	(1.20 ± .20)
End Band	.008 ± .004"	(0.20 ± .10)	.014 ± .004"	(0.23 ± .10)	.016 ± .004"	(0.40 ± .10)



HOW TO ORDER

LR	W	0402	S	1N0	GG	001	T
Device	Type	Size	Tolerance	Value	Termination	Marking	Packaging
LR = Wirewound RF Inductor	W = Wirewound on Ceramic Core	0402 0603 0805	C = ± 0.2 nH S = ± 0.3 n G = ± 2% J = ± 5% K = ± 10%	See chart code on page 78	GG = Ni/Au for "W" types, GV = Ni/Sn for "F" types	001 = Marking	Size Code 0402 T = 7" Reel Paper Tape 0603 E = 7" Reel Emb Tape 0805 E = 7" Reel Emb Tape Bulk (loose pcs) Size Code All B = Bulk

Example: **LRW0402S1N0GG001T** is WireWound Inductors, 0402, 1nH±0.3nH, 1360mA, Ni/Au (RoHS), No Mark, 7" Reel Paper Tape.

*See selection chart on the following pages for available tolerances of each value.

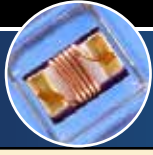


RF Inductors

WireWound Inductors - Chip Summary Chart

EIA Size		0402		0603		0805		Core Type	EIA Size		0402		0603		0805		Core Type					
Inductor Value	Inductance		Tolerance	Rated Current	Tolerance	Rated Current	Tolerance		Rated Current	Inductor Value	Inductance		Tolerance	Rated Current	Tolerance	Rated Current		Tolerance	Rated Current			
	nH	Code									nH	Code								nH	Code	nH
1.0	1N0	C, S	1360 mA	C, S		C, S		Ceramic Core ("VW" Type)	43	43N	G, J, K	100 mA	G, J, K	700 mA	J, K	600 mA	Ceramic Core ("VW" Type)					
1.2	1N2		1300 mA							47		47N		100 mA	600 mA	G, J, K		500 mA				
1.6	1N6				700 mA					51	51N	100 mA		600 mA	J, K	600 mA						
1.8	1N8		1040 mA		700 mA					56	56N	100 mA		600 mA	G, J, K	500 mA						
1.9	1N9		1040 mA							68	68N	100 mA		600 mA		G, J, K		500 mA				
2.0	2N0		1040 mA		700 mA					72	72N			400 mA								
2.2	2N2		960 mA							82	82N	100 mA		400 mA	J, K	500 mA						
2.4	2N4		790 mA							100	R10	100 mA		400 mA		G, J, K		500 mA				
2.6	2N6		640 mA							110	R11	100 mA										
2.7	2N7		640 mA							120	R12	100 mA										
3.3	3N3		840 mA		700 mA					150	R15			300 mA	G, J, K	500 mA						
3.6	3N6		840 mA		700 mA					180	R18			280 mA		G, J, K		400 mA				
3.9	3N9	840 mA	700 mA			220	R22		240 mA	G, J, K	400 mA											
4.3	4N3	700 mA	700 mA			270	R27		200 mA		400 mA											
4.7	4N7	640 mA	700 mA			330	R33		170 mA		350 mA											
5.1	5N1	800 mA	700 mA	C, J, K	700 mA	C, J, K		Ceramic Core ("VW" Type)	390	R39		150 mA	J, K	300 mA	G, J, K	300 mA	Ceramic					
5.6	5N6	760 mA	700 mA		C, J, K		600 mA		470	R47		100 mA		J, K		100 mA		500 mA				
6.2	6N2	760 mA							560	R56					450 mA							
6.8	6N8	680 mA	700 mA		C, J, K		C, G, J, K		600 mA	680	R68				400 mA							
7.5	7N5	680 mA	700 mA				J, K		600 mA	820	R82				300 mA							
8.2	8N2	680 mA	700 mA				C, G, J, K		600 mA	1000	1R0				180 mA							
8.7	8N7	480 mA	700 mA							1200	1R2				150 mA							
9.0	9N0	680 mA								1500	1R5				130 mA							
9.5	9N5	680 mA	700 mA							1800	1R8				120 mA							
10	10N	480 mA	700 mA		G, J, K		700 mA		G, J, K		Ceramic Core ("F" Type)	2200	2R2			J, K		110 mA				
11	11N	640 mA	700 mA				G, J, K					2700	2R7						100 mA			
12	12N	640 mA	700 mA							600 mA		3300	3R3						210 mA			
13	13N	560 mA				J, K	600 mA	3900		3R9				200 mA								
15	15N	560 mA	700 mA				600 mA	4700		4R7				180 mA								
16	16N	560 mA	700 mA				600 mA	5600		5R6				160 mA								
18	18N	420 mA	700 mA				600 mA	6800		6R8				130 mA								
19	19N	480 mA						8200		8R2				120 mA								
20	20N	420 mA	700 mA	G, J, K			600 mA	10000		10R				80 mA								
22	22N	400 mA	700 mA				600 mA															
23	23N	400 mA	700 mA																			
24	24N	400 mA	700 mA			J, K	600 mA															
27	27N	400 mA	600 mA			600 mA																
30	30N	400 mA	700 mA																			
33	33N	400 mA	600 mA																			
36	36N	320 mA			J, K	600 mA																
39	39N	320 mA	600 mA			G, J, K	500 mA															
40	40N	320 mA																				

Consult Factory for Non-Standard values.



RF Inductors

WireWound Inductors - 0402 Selection Chart

Part Number (Standard Tolerances)	Inductance @ 250MHz	Available Tolerances @ 250MHz	Q (min.) @ 250MHz	Q (Type) @ 900MHz	Q (Type) @ 1.8GHz	SRF (min.)	DC Resistance	Rated Current (max.)
LRW0402WS1N0GG001T	1.0 nH	±0.2 nH, ±0.3 nH	13	49	60	6.0 GHz	0.045 Ω	1360 mA
LRW0402WS1N2GG001T	1.2 nH	±0.2 nH, ±0.3 nH	13	49	60	6.0 GHz	0.060 Ω	1300 mA
LRW0402WS1N8GG001T	1.8 nH	±0.2 nH, ±0.3 nH	16	50	60	6.0 GHz	0.070 Ω	1040 mA
LRW0402WS1N9GG001T	1.9 nH	±0.2 nH, ±0.3 nH	16	50	60	6.0 GHz	0.070 Ω	1040 mA
LRW0402WS2N0GG001T	2.0 nH	±0.2 nH, ±0.3 nH	16	51	62	6.0 GHz	0.070 Ω	1040 mA
LRW0402WS2N2GG001T	2.2 nH	±0.2 nH, ±0.3 nH	18	52	65	6.0 GHz	0.070 Ω	960 mA
LRW0402WS2N2GG001T	2.4 nH	±0.2 nH, ±0.3 nH	15	52	65	6.0 GHz	0.068 Ω	790 mA
LRW0402WS2N7GG001T	2.7 nH	±0.2 nH, ±0.3 nH	16	50	65	6.0 GHz	0.120 Ω	640 mA
LRW0402WJ3N3GG001T	3.3 nH	±0.2 nH, ±5%, ±10%	19	53	72	6.0 GHz	0.066 Ω	840 mA
LRW0402WJ3N6GG001T	3.6 nH	±0.2 nH, ±5%, ±10%	19	55	72	6.0 GHz	0.066 Ω	840 mA
LRW0402WJ3N9GG001T	3.9 nH	±0.2 nH, ±5%, ±10%	19	60	76	5.8 GHz	0.066 Ω	840 mA
LRW0402WJ4N3GG001T	4.3 nH	±0.2 nH, ±5%, ±10%	18	55	82	6.0 GHz	0.091 Ω	700 mA
LRW0402WJ4N7GG001T	4.7 nH	±0.2 nH, ±5%, ±10%	15	55	82	4.8 GHz	0.130 Ω	640 mA
LRW0402WJ5N1GG001T	5.1 nH	±0.2 nH, ±5%, ±10%	20	58	83	5.8 GHz	0.083 Ω	800 mA
LRW0402WJ5N6GG001T	5.6 nH	±0.2 nH, ±5%, ±10%	20	61	89	5.8 GHz	0.083 Ω	760 mA
LRW0402WJ6N2GG001T	6.2 nH	±0.2 nH, ±5%, ±10%	20	57	80	5.8 GHz	0.083 Ω	760 mA
LRW0402WJ6N8GG001T	6.8 nH	±0.2 nH, ±5%, ±10%	20	58	80	4.8 GHz	0.083 Ω	680 mA
LRW0402WJ7N5GG001T	7.5 nH	±0.2 nH, ±5%, ±10%	22	59	90	5.8 GHz	0.104 Ω	680 mA
LRW0402WJ8N2GG001T	8.2 nH	±0.2 nH, ±5%, ±10%	22	60	87	4.4 GHz	0.104 Ω	680 mA
LRW0402WJ8N7GG001T	8.7 nH	±0.2 nH, ±5%, ±10%	18	60	83	4.1 GHz	0.200 Ω	480 mA
LRW0402WJ9N0GG001T	9.0 nH	±0.2 nH, ±5%, ±10%	22	60	83	4.2 GHz	0.104 Ω	680 mA
LRW0402WJ9N5GG001T	9.5 nH	±0.2 nH, ±5%, ±10%	18	55	76	4.0 GHz	0.200 Ω	680 mA
LRW0402WJ10NGG001T	10.0 nH	±2%, ±5%, ±10%	21	56	76	3.9 GHz	0.195 Ω	480 mA
LRW0402WJ11NGG001T	11.0 nH	±2%, ±5%, ±10%	24	61	86	3.7 GHz	0.120 Ω	640 mA
LRW0402WJ12NGG001T	12.0 nH	±2%, ±5%, ±10%	24	58	77	3.6 GHz	0.120 Ω	640 mA
LRW0402WJ13NGG001T	13.0 nH	±2%, ±5%, ±10%	24	60	77	3.5 GHz	0.210 Ω	560 mA
LRW0402WJ15NGG001T	15.0 nH	±2%, ±5%, ±10%	24	61	86	3.3 GHz	0.172 Ω	560 mA
LRW0402WJ16NGG001T	16.0 nH	±2%, ±5%, ±10%	24	58	77	3.1 GHz	0.220 Ω	560 mA
LRW0402WJ18NGG001T	18.0 nH	±2%, ±5%, ±10%	24	58	77	3.1 GHz	0.230 Ω	420 mA
LRW0402WJ19NGG001T	19.0 nH	±2%, ±5%, ±10%	24	58	77	3.0 GHz	0.202 Ω	480 mA
LRW0402WJ20NGG001T	20.0 nH	±2%, ±5%, ±10%	24	54	74	3.0 GHz	0.250 Ω	420 mA
LRW0402WJ22NGG001T	22.0 nH	±2%, ±5%, ±10%	24	54	73	2.7 GHz	0.300 Ω	400 mA
LRW0402WJ23NGG001T	23.0 nH	±2%, ±5%, ±10%	24	55	73	2.7 GHz	0.214 Ω	400 mA
LRW0402WJ24NGG001T	24.0 nH	±2%, ±5%, ±10%	24	54	74	2.7 GHz	0.300 Ω	400 mA
LRW0402WJ27NGG001T	27.0 nH	±2%, ±5%, ±10%	24	55	75	2.5 GHz	0.298 Ω	400 mA
LRW0402WJ30NGG001T	30.0 nH	±2%, ±5%, ±10%	24	52	64	2.3 GHz	0.300 Ω	400 mA



RF Inductors

WireWound Inductors - 0603 Selection Chart

Part Number (Standard Tolerances)	Inductance @ 250MHz	L/Q Test Frequency	Available Tolerances @ 250MHz	Q (min.) @ L/Q Freq.	SRF (min.)	DC Resistance (max.)	Rated Current (max.)
LRW0603WS1N6GG001E	1.6 nH	250MHz	±0.2 nH, ±0.3 nH	14	7.0GHz	.080 Ω	700 mA
LRW0603WS1N8GG001E	1.8 nH	250MHz	±0.2 nH, ±0.3 nH	16	6.9GHz	.080 Ω	700 mA
LRW0603WS2N0GG001E	2.0 nH	250MHz	±0.2 nH, ±0.3 nH	16	6.9GHz	.080 Ω	700 mA
LRW0603WS3N3GG001E	3.3 nH	250MHz	±0.2 nH, ±0.3 nH	17	6.1GHz	.080 Ω	700 mA
LRW0603WS3N6GG001E	3.6 nH	250MHz	±0.2 nH, ±0.3 nH	20	6.0GHz	.080 Ω	700 mA
LRW0603WS3N6GG001E	3.9 nH	250MHz	±0.2 nH, ±0.3 nH	22	5.9GHz	.080 Ω	700 mA
LRW0603WS4N3GG001E	4.3 nH	250MHz	±0.2 nH, ±0.3 nH	22	5.8GHz	.060 Ω	700 mA
LRW0603WS4N7GG001E	4.7 nH	250MHz	±0.2 nH, ±0.3 nH	20	5.8GHz	.110 Ω	700 mA
LRW0603WJ5N1GG001E	5.1 nH	250MHz	±0.2 nH, ±5%, ±10%	18	5.4GHz	.110 Ω	700 mA
LRW0603WJ5N6GG001E	5.6 nH	250MHz	±0.2 nH, ±5%, ±10%	16	5.0GHz	.110 Ω	700 mA
LRW0603WJ6N8GG001E	6.8 nH	250MHz	±0.2 nH, ±5%, ±10%	30	4.6GHz	.110 Ω	700 mA
LRW0603WJ7R5GG001E	7.5 nH	250MHz	±0.2 nH, ±5%, ±10%	30	4.7GHz	.110 Ω	700 mA
LRW0603WJ8N2GG001E	8.2 nH	250MHz	±0.2 nH, ±5%, ±10%	30	4.8GHz	.110 Ω	700 mA
LRW0603WJ8N7GG001E	8.7 nH	250MHz	±0.2 nH, ±5%, ±10%	31	4.6GHz	.120 Ω	700 mA
LRW0603WJ10NGG001E	10.0 nH	250MHz	±2%, ±5%, ±10%	33	4.0GHz	.130 Ω	700 mA
LRW0603WJ11NGG001E	11.0 nH	250MHz	±2%, ±5%, ±10%	35	4.0GHz	.086 Ω	700 mA
LRW0603WJ12NGG001E	12.0 nH	250MHz	±2%, ±5%, ±10%	35	4.0GHz	.130 Ω	700 mA
LRW0603WJ15NGG001E	15.0 nH	250MHz	±2%, ±5%, ±10%	35	3.1GHz	.170 Ω	700 mA
LRW0603WJ18NGG001E	18.0 nH	250MHz	±2%, ±5%, ±10%	38	3.0GHz	.170 Ω	700 mA
LRW0603WJ22NGG001E	22.0 nH	250MHz	±2%, ±5%, ±10%	38	3.0GHz	.220 Ω	700 mA
LRW0603WJ27NGG001E	27.0 nH	250MHz	±2%, ±5%, ±10%	40	2.8GHz	.220 Ω	600 mA
LRW0603WJ33NGG001E	33.0 nH	250MHz	±2%, ±5%, ±10%	43	2.3GHz	.220 Ω	600 mA
LRW0603WJ39NGG001E	39.0 nH	250MHz	±2%, ±5%, ±10%	43	2.2GHz	.250 Ω	600 mA
LRW0603WJ47NGG001E	47.0 nH	200MHz	±2%, ±5%, ±10%	40	2.0GHz	.280 Ω	600 mA
LRW0603WJ51NGG001E	51.0 nH	200MHz	±2%, ±5%, ±10%	40	1.9GHz	.300 Ω	600 mA
LRW0603WJ56NGG001E	56.0 nH	200MHz	±2%, ±5%, ±10%	40	1.9GHz	.310 Ω	600 mA
LRW0603WJ68NGG001E	68.0 nH	200MHz	±2%, ±5%, ±10%	40	1.7GHz	.340 Ω	600 mA
LRW0603WJ72NGG001E	72.0 nH	150MHz	±2%, ±5%, ±10%	35	1.7GHz	.490 Ω	400 mA
LRW0603WJ82NGG001E	82.0 nH	150MHz	±2%, ±5%, ±10%	35	1.4GHz	.540 Ω	400 mA
LRW0603WJR10GG001E	100.0 nH	150MHz	±2%, ±5%, ±10%	35	1.0GHz	.630 Ω	400 mA
LRW0603WJR12GG001E	120.0 nH	150MHz	±2%, ±5%, ±10%	35	1.0GHz	.650 Ω	400 mA
LRW0603WJR15GG001E	150.0 nH	150MHz	±2%, ±5%, ±10%	35	1.3GHz	.920 Ω	280 mA
LRW0603WJR18GG001E	180.0 nH	100MHz	±2%, ±5%, ±10%	30	1.0GHz	1.25 Ω	240 mA
LRW0603WJR22GG001E	220.0 nH	100MHz	±2%, ±5%, ±10%	30	1.0GHz	1.70 Ω	200 mA
LRW0603WJR27GG001E	270.0 nH	100MHz	±2%, ±5%, ±10%	30	1.0GHz	1.80 Ω	170 mA
LRW0603WJR33GG001E	330.0 nH	100MHz	±5%, ±10%	25	900MHz	3.60 Ω	150 mA
LRW0603WJR39GG001E	390.0 nH	100MHz	±5%, ±10%	24	750MHz	5.30 Ω	100 mA
LRW0603WJR47GG001E	470.0 nH	100MHz	±5%, ±10%	23	700MHz	5.60 Ω	100 mA



RF Inductors

WireWound Inductors - 0805 Selection Chart

Part Number (Standard Tolerances)	Inductance @ 250MHz	L/Q Test Freq.	Available Tolerances @ 250MHz	Q (min.) @ L/Q Freq.	Q Test Freq.	SRF (min.)	DC Resistance (max.)	Rated Current (max.)
LRW0805WS2N2GG001E	2.2nH	250MHz	±0.2 nH, ±0.3 nH	50	1000MHz	>6000 MHz	0.06 Ω	800 mA
LRW0805WS2N7GG001E	2.7nH	250MHz	±0.2 nH, ±0.3 nH	60	1000MHz	>6000 MHz	0.08 Ω	800 mA
LRW0805WS3N3GG001E	3.3 nH	250MHz	±0.2 nH, ±0.3 nH	60	1000MHz	>6000 MHz	0.08 Ω	600 mA
LRW0805WS3N9GG001E	3.9nH	250MHz	±0.2 nH, ±5%, ±10%	60	1000MHz	>6000 MHz	0.06 Ω	600 mA
LRW0805WS4N7GG001E	4.7 nH	250MHz	±0.2 nH, ±5%, ±10%	60	1000MHz	5800MHz	0.06 Ω	600 mA
LRW0805WS5N6GG001E	5.6 nH	250MHz	±0.2 nH, ±5%, ±10%	60	1000MHz	5800MHz	0.08 Ω	600 mA
LRW0805WS6N8GG001E	6.8 nH	250MHz	±2%, ±5%, ±10%	60	1000MHz	5500MHz	0.06 Ω	600 mA
LRW0805W8N2GG001E	8.2 nH	250MHz	±2%, ±5%, ±10%	60	1000MHz	5500MHz	0.06 Ω	600 mA
LRW0805WJ10NGG001E	10.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	4800 MHz	0.08 Ω	600 mA
LRW0805WJ12NGG001E	12.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	4100 MHz	0.08 Ω	600 mA
LRW0805WJ15NGG001E	15.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	3600 MHz	0.08 Ω	600 mA
LRW0805WJ16NGG001E	16.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	3500 MHz	0.08 Ω	600 mA
LRW0805WJ18NGG001E	18.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	3400 MHz	0.08 Ω	600 mA
LRW0805WJ20NGG001E	20.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	3400 MHz	0.08 Ω	600 mA
LRW0805WJ22NGG001E	22.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	3300 MHz	0.10 Ω	600 mA
LRW0805WJ27NGG001E	27.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	2600 MHz	0.12 Ω	600 mA
LRW0805WJ33NGG001E	33.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	2400 MHz	0.15 Ω	500 mA
LRW0805WJ39NGG001E	39.0 nH	250MHz	±2%, ±5%, ±10%	60	500MHz	2100 MHz	0.18 Ω	500 mA
LRW0805WJ47NGG001E	47.0 nH	200MHz	±2%, ±5%, ±10%	60	500MHz	1700 MHz	0.15 Ω	500 mA
LRW0805WJ56NGG001E	56.0 nH	200MHz	±2%, ±5%, ±10%	60	500MHz	1600 MHz	0.25 Ω	500 mA
LRW0805WJ68NGG001E	68.0 nH	150MHz	±2%, ±5%, ±10%	60	500MHz	1450 MHz	0.27 Ω	500 mA
LRW0805WJ82NGG001E	82.0 nH	150MHz	±2%, ±5%, ±10%	60	500MHz	1350 MHz	0.32 Ω	500 mA
LRW0805WJR10GG001E	100 nH	100MHz	±2%, ±5%, ±10%	57	250MHz	1200 MHz	0.43 Ω	500 mA
LRW0805WJR12GG001E	120 nH	100MHz	±2%, ±5%, ±10%	50	250MHz	1100 MHz	0.48 Ω	500 mA
LRW0805WJR15GG001E	150 nH	100MHz	±2%, ±5%, ±10%	50	250MHz	950 MHz	0.56 Ω	400 mA
LRW0805WJR18GG001E	180 nH	100MHz	±2%, ±5%, ±10%	50	250MHz	900 MHz	0.78 Ω	400 mA
LRW0805WJR22GG001E	220 nH	100MHz	±2%, ±5%, ±10%	50	250MHz	860 MHz	1.00 Ω	400 mA
LRW0805WJR27GG001E	270 nH	100MHz	±2%, ±5%, ±10%	45	250MHz	850 MHz	1.46 Ω	350 mA
LRW0805WJR33GG001E	330 nH	25MHz	±2%, ±5%, ±10%	45	250MHz	800 MHz	1.65 Ω	300 mA
LRW0805WJR39GG001E	390 nH	25MHz	±2%, ±5%, ±10%	45	250MHz	780 MHz	2.20 Ω	210 mA
LRW0805FJR47GV001E	470 nH	25MHz	±5%, ±10%	45	100MHz	375 MHz	0.95 Ω	500 mA
LRW0805FJR56GV001E	560 nH	25MHz	±5%, ±10%	45	100MHz	340 MHz	1.10 Ω	450 mA
LRW0805FJR68GV001E	680 nH	25MHz	±5%, ±10%	35	100MHz	188 MHz	1.20 Ω	400 mA
LRW0805FJR82GV001E	820 nH	8MHz	±5%, ±10%	35	100MHz	210 MHz	1.50 Ω	300 mA
LRW0805FJ1R0GV001E	1000 nH	8MHz	±5%, ±10%	35	50MHz	200 MHz	2.13 Ω	180 mA
LRW0805FJ1R2GV001E	1200 nH	8MHz	±5%, ±10%	15	8MHz	200 MHz	2.38 Ω	150 mA
LRW0805FJ1R5GV001E	1500 nH	8MHz	±5%, ±10%	15	8MHz	200 MHz	2.90 Ω	130 mA
LRW0805FJ1R8GV001E	1800 nH	8MHz	±5%, ±10%	15	8MHz	120 MHz	3.00 Ω	120 mA
LRW0805FJ2R2GV001E	2200 nH	8MHz	±5%, ±10%	15	8MHz	110 MHz	3.10 Ω	110 mA
LRW0805FJ2R7GV001E	2700 nH	8MHz	±5%, ±10%	15	8MHz	100 MHz	3.50 Ω	100 mA
LRW0805FJ3R3GV001E	3300 nH	8MHz	±5%, ±10%	15	8MHz	70 MHz	2.30 Ω	210 mA
LRW0805FJ3R9GV001E	3900 nH	8MHz	±5%, ±10%	15	8MHz	60 MHz	2.50 Ω	200 mA
LRW0805FJ4R7GV001E	4700 nH	8MHz	±5%, ±10%	15	8MHz	50 MHz	2.80 Ω	180 mA
LRW0805FJ5R6GV001E	5600 nH	8MHz	±5%, ±10%	15	8MHz	45 MHz	3.00 Ω	160 mA
LRW0805FJ6R8GV001E	6800 nH	8MHz	±5%, ±10%	15	8MHz	45 MHz	3.20 Ω	130 mA
LRW0805FJ8R2GV001E	8200 nH	8MHz	±5%, ±10%	15	8MHz	40 MHz	3.50 Ω	120 mA
LRW0805FJ10RGV001E	10000 nH	8MHz	±5%, ±10%	10	8MHz	40 MHz	5.00 Ω	80 mA

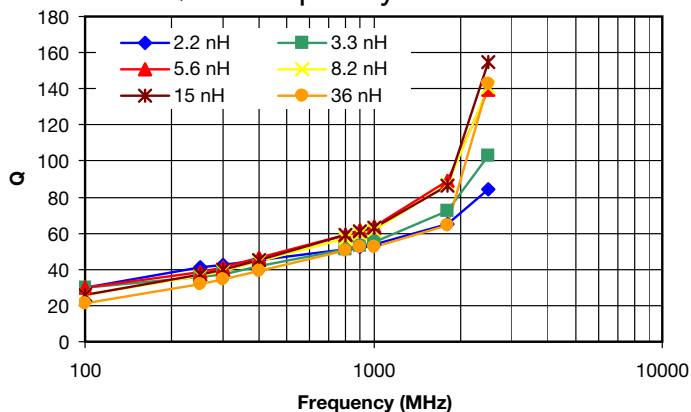


RF Inductors
WireWound Inductors

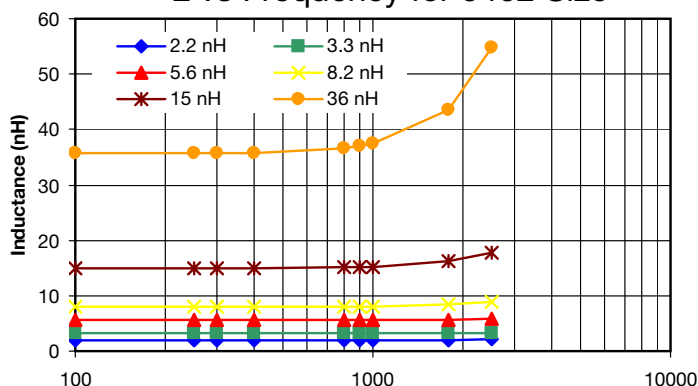
RF Characteristics

"Typical"

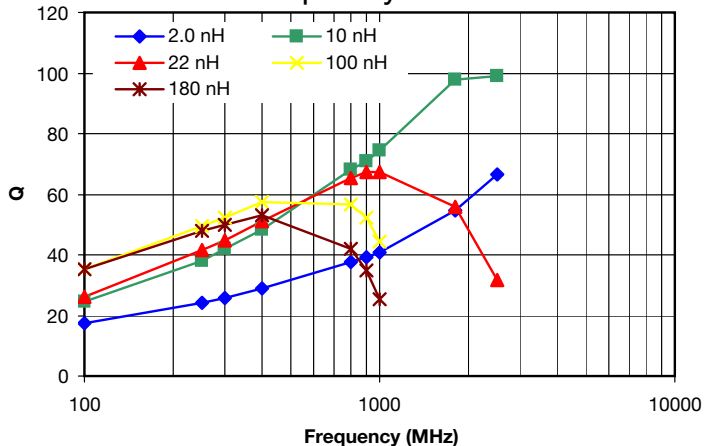
Q vs Frequency for 0402 Size



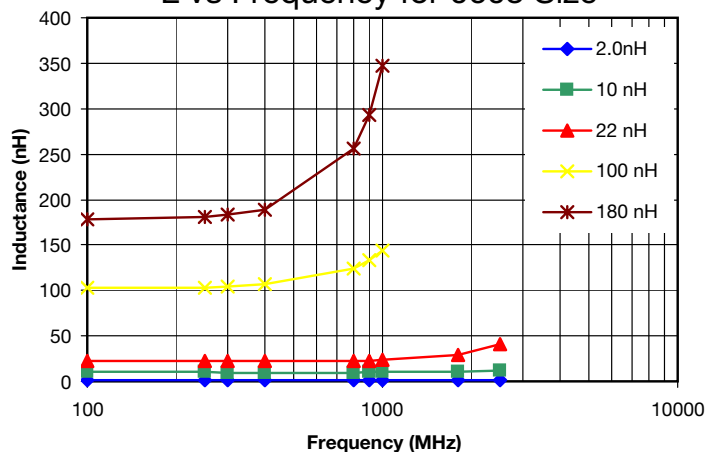
L vs Frequency for 0402 Size



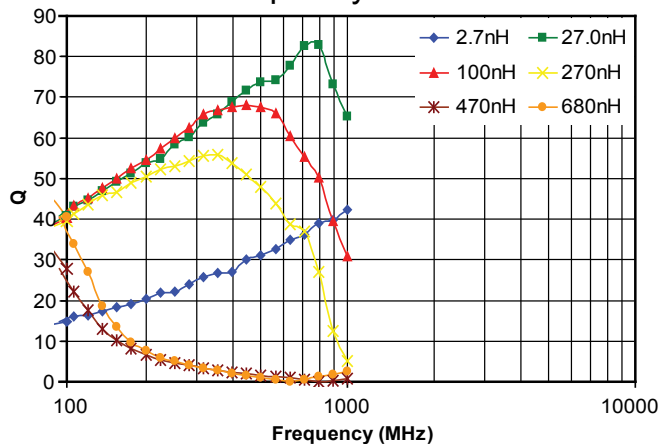
Q vs Frequency for 0603 Size



L vs Frequency for 0603 Size



Q vs Frequency for 0805 Size



L vs Frequency for 0805 Size

