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:

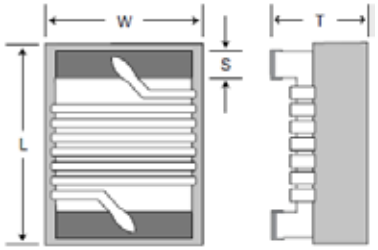
- CELL/PCS Modules
- Wireless LAN
- Broadband Components
- RF Transceivers
- RFID
- Cordless Phone
- Cable Modem
- Computer Peripherals
- Bluetooth
- ASDL

Product Range Summary

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

Mechanical Characteristics

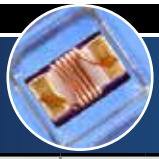
Size	0402 (1005)		0603 (1608)		0805 (2012)	
	Inches	mm	Inches	mm	Inches	mm
Length	.039 ± .004"	(1.00 ± .10)	.039 ± .008"	(1.60 ± .20)	.079 ± .008"	(2.00 ± .20)
Width	.022 ± .004"	(0.55 ± .10)	.041 ± .008"	(1.05 ± .20)	.049 ± .008"	(1.25 ± .20)
Thickness	.020 ± .004"	(0.50 ± .10)	.041 ± .008"	(1.05 ± .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

LRW	0402	W	S	1N0	GG	001	T
Device	**Size**	**Type**	**Tolerance**	**Value**	**Termination**	**Marking**	**Packaging**
LRW = Inductor RF Wirewound	**0402** **0603** **0805**	**W** = Wirewound on Ceramic Core **F** = Wirewound on Ferrite Core	**C** = ± 0.2 nH **S** = ± 0.3 nH **G** = ± 2% **J** = ± 5% **K** = ± 10%	See table	**GG** = Ni/Au (RoHS) for "W" types **GV** = Ni/Sn (RoHS) for "F" types	**001** = No Mark	**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: **LRW0402WS1N0GG001T** is WireWound Inductors, 0402, 1nH±0.3nH, 1360mA, Ni/Au (RoHS), No Mark, 7" Reel Paper Tape



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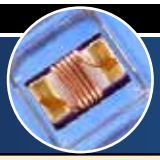
WireWound Inductors - Chip Summary Chart

EIA Size / Inductor Value		0402		0603		0805		Core Type
Inductance		Tolerance	Rated Current	Tolerance	Rated Current	Tolerance	Rated Current	
nH	Code							
1.0	1N0	C, S	1360 mA	C, S		C, S		Ceramic Core ("VV" Type)
1.2	1N2		1300 mA					
1.6	1N6				700 mA			
1.8	1N8		1040 mA		700 mA			
1.9	1N9		1040 mA					
2.0	2N0		1040 mA		700 mA			
2.2	2N2		960 mA				800 mA	
2.4	2N4		790 mA					
2.6	2N6		640 mA					
2.7	2N7		640 mA				800 mA	
3.3	3N3	C, J, K	840 mA		700 mA		800 mA	
3.6	3N6		840 mA		700 mA			
3.9	3N9		840 mA		700 mA		600 mA	
4.3	4N3		700 mA		700 mA			
4.7	4N7		640 mA		700 mA		600 mA	
5.1	5N1		800 mA	C, J, K	700 mA			
5.6	5N6		760 mA		700 mA	C, J, K	600 mA	
6.2	6N2		760 mA					
6.8	6N8		680 mA		700 mA	C, G, J, K	600 mA	
7.5	7N5		680 mA		700 mA	J, K	600 mA	
8.2	8N2		680 mA		700 mA	C, G, J, K	600 mA	
8.7	8N7		480 mA		700 mA			
9.0	9N0		680 mA					
9.5	9N5		680 mA		700 mA			
10	10N	G, J, K	480 mA	G, J, K	700 mA	G, J, K	600 mA	
11	11N		640 mA		700 mA			
12	12N		640 mA		700 mA		600 mA	
13	13N		560 mA			J, K	600 mA	
15	15N		560 mA		700 mA	G, J, K	600 mA	
16	16N		560 mA		700 mA		600 mA	
18	18N		420 mA		700 mA		600 mA	
19	19N		480 mA					
20	20N		420 mA		700 mA		600 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	G, J, K	600 mA	
30	30N		400 mA		700 mA			
33	33N		400 mA		600 mA		500 mA	
36	36N		320 mA			J, K	600 mA	
39	39N		320 mA		600 mA	G, J, K	500 mA	
40	40N		320 mA					

EIA Size / Inductor Value		0402		0603		0805		Core Type
Inductance		Tolerance	Rated Current	Tolerance	Rated Current	Tolerance	Rated Current	
nH	Code							
43	43N	G, J, K	100 mA	G, J, K	700 mA	J, K	600 mA	Ceramic Core ("VV" Type)
47	47N		100 mA		600 mA	G, J, K	500 mA	
51	51N	J, K	100 mA		600 mA	J, K	600 mA	
56	56N		100 mA		600 mA	G, J, K	500 mA	
68	68N		100 mA		600 mA		500 mA	
72	72N				400 mA			
82	82N	J, K	100 mA		400 mA	G, J, K	500 mA	
100	R10		100 mA		400 mA	G, J, K	500 mA	
110	R11		100 mA					
120	R12		100 mA	G, J, K	300 mA	G, J, K	500 mA	
150	R15				280 mA		400 mA	
180	R18				240 mA		400 mA	
220	R22				200 mA		400 mA	
270	R27				170 mA		350 mA	
330	R33			J, K	150 mA	G, J, K	300 mA	Ceramic
390	R39				100 mA		210 mA	
470	R47			J, K	100 mA	J, K	500 mA	Ferrite Core ("F" Type)
560	R56						450 mA	
680	R68						400 mA	
820	R82						300 mA	
1000	1R0						180 mA	
1200	1R2						150 mA	
1500	1R5						130 mA	
1800	1R8						120 mA	
2200	2R2						110 mA	
2700	2R7						100 mA	
3300	3R3						210 mA	
3900	3R9						200 mA	
4700	4R7						180 mA	
5600	5R6						160 mA	
6800	6R8						130 mA	
8200	8R2						120 mA	
10000	10R						80 mA	

Consult Factory for Non-Standard values.



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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

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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

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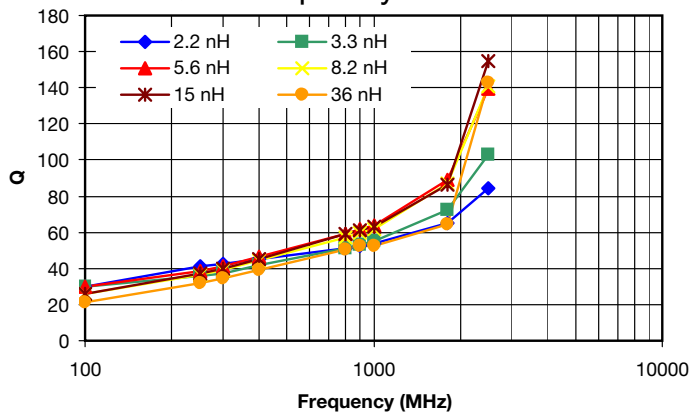
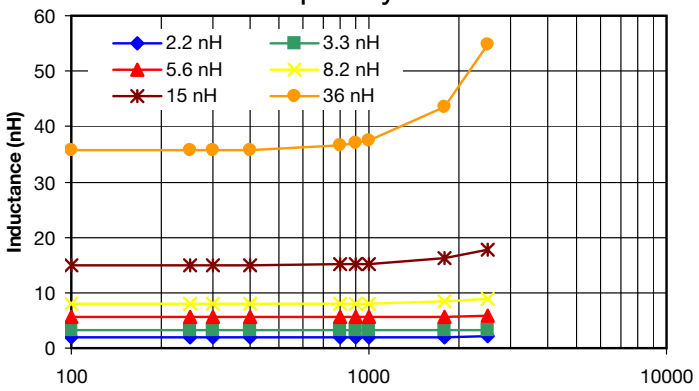
WireWound Inductors - 0805 Selection Chart

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

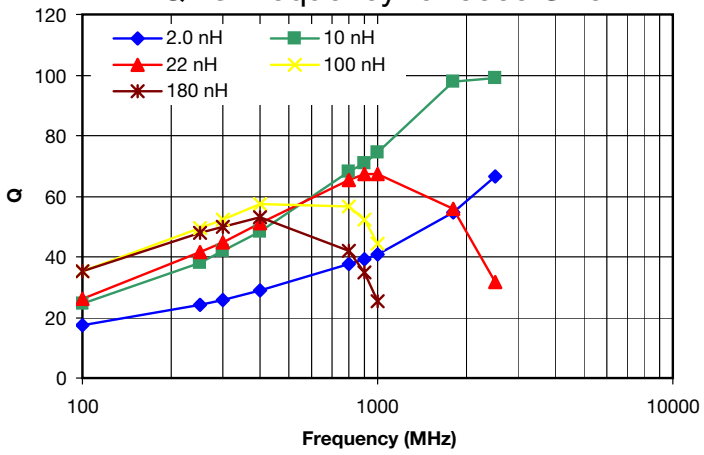
Q vs Frequency for 0402 Size



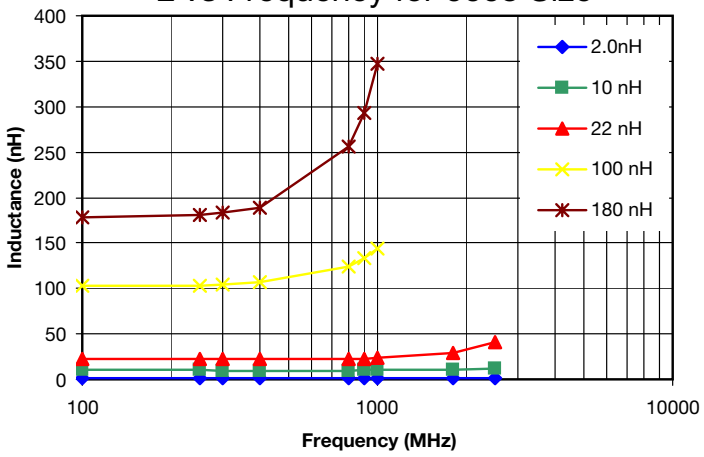
L vs Frequency for 0402 Size



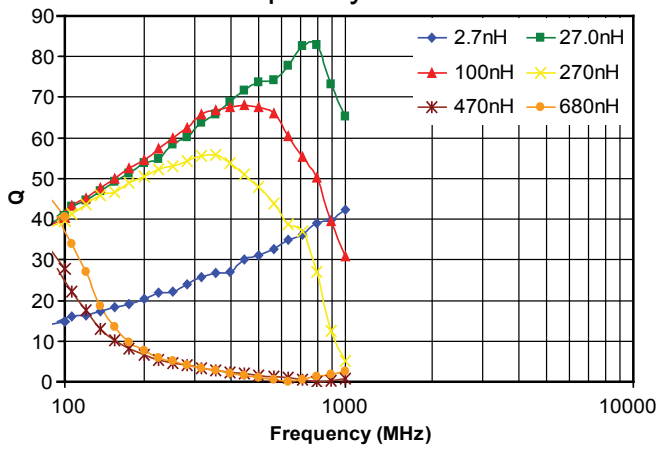
Q vs Frequency for 0603 Size



L vs Frequency for 0603 Size



Q vs Frequency for 0805 Size



L vs Frequency for 0805 Size