

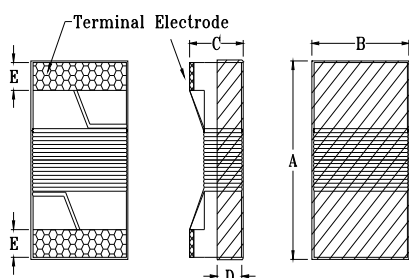
# High Frequency Winding Type Chip Inductor SWI0402F-SERIES PR

## 1. Features

1. Ceramic core wire wound construction.
2. No batch to batch variations in inductance.
3. High Reliability due to ceramic wire wound construction.
4. High frequency application.
5. Small footprint as well as low profile.
6. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



## 2. Dimensions



Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
SWI0402	1.09±0.1	0.60±0.1	0.56±0.1	0.20±0.15	0.23±0.1

Unit:mm

## 3. Part Numbering

<b>SWI</b>	<b>0402</b>	<b>F</b>	-	<b>1N0</b>	<b>S</b>	<b>PR</b>
A	B	C		D	E	F

A: Series  
 B: Dimension LxW  
 C: Material Ceramic  
 D: Inductance 1N0=1.0nH  
 E: Inductance Tolerance S=±0.3nH . J=±5%, K=±10% .  
 F: Packaging PR=Paper Tape & Reel

## 4. Specification

Part Number	Inductance (nH)	Tolerance	Q min.	Test Frequency (Hz)	Rated Current (mA) max..	DCR (Ω) max.	SRF (GHz) min.
SWI0402F-1N0JPR	1.0±5%	S,J	16	0.1V/250M	1360	0.045	12.7
SWI0402F-1N9JPR	1.9±5%	S,J	16	0.1V/250M	1040	0.070	11.30
SWI0402F-2N0JPR	2.0±5%	S,J	16	0.1V/250M	1040	0.070	11.10
SWI0402F-2N2JPR	2.2±5%	S,J	19	0.1V/250M	960	0.070	10.80
SWI0402F-2N4JPR	2.4±5%	S,J	15	0.1V/250M	790	0.068	10.50
SWI0402F-2N7JPR	2.7±5%	S,J	16	0.1V/250M	640	0.120	10.40
SWI0402F-3N3JPR	3.3±5%	S,J	19	0.1V/250M	840	0.066	7.00
SWI0402F-3N6JPR	3.6±5%	S,J	19	0.1V/250M	840	0.066	6.80
SWI0402F-3N9JPR	3.9±5%	S,J	19	0.1V/250M	840	0.066	6.00
SWI0402F-4N3JPR	4.3±5%	S,J	18	0.1V/250M	700	0.091	6.00
SWI0402F-4N7JPR	4.7±5%	S,J	15	0.1V/250M	640	0.130	4.77
SWI0402F-5N1JPR	5.1±5%	S,J	20	0.1V/250M	800	0.083	4.80
SWI0402F-5N6JPR	5.6±5%	S,J	20	0.1V/250M	760	0.083	4.80
SWI0402F-6N2JPR	6.2±5%	J,K	20	0.1V/250M	760	0.083	4.80
SWI0402F-6N8JPR	6.8±5%	J,K	20	0.1V/250M	680	0.083	4.80

**TAI-TECH**

Part Number	Inductance (nH)	Tolerance	Q min.	Test Frequency (Hz)	Rated Current (mA) max..	DCR ( $\Omega$ ) max.	SRF (GHz) min.
SWI0402F-7N5JPR	7.5±5%	J.K	22	0.1V/250M	680	0.100	4.80
SWI0402F-8N2JPR	8.2±5%	J.K	22	0.1V/250M	680	0.100	4.40
SWI0402F-8N7JPR	8.7±5%	J.K	18	0.1V/250M	480	0.200	4.10
SWI0402F-9N0JPR	9.0±5%	J.K	22	0.1V/250M	680	0.100	4.16
SWI0402F-9N1JPR	9.1±5%	J.K	22	0.1V/250M	680	0.100	4.16
SWI0402F-9N5JPR	9.5±5%	J.K	18	0.1V/250M	480	0.200	4.00
SWI0402F-10NJPR	10±5%	J.K	21	0.1V/250M	480	0.200	3.90
SWI0402F-11NJPR	11±5%	J.K	24	0.1V/250M	640	0.120	3.68
SWI0402F-12NJPR	12±5%	J.K	24	0.1V/250M	640	0.120	3.60
SWI0402F-13NJPR	13±5%	J.K	24	0.1V/250M	440	0.210	3.45
SWI0402F-15NJPR	15±5%	J.K	24	0.1V/250M	560	0.170	3.28
SWI0402F-16NJPR	16±5%	J.K	24	0.1V/250M	560	0.220	3.10
SWI0402F-18NJPR	18±5%	J.K	25	0.1V/250M	420	0.230	3.10
SWI0402F-19NJPR	19±5%	J.K	24	0.1V/250M	480	0.200	3.04
SWI0402F-20NJPR	20±5%	J.K	25	0.1V/250M	420	0.25	3.00
SWI0402F-22NJPR	22±5%	J.K	25	0.1V/250M	400	0.30	2.80
SWI0402F-23NJPR	23±5%	J.K	22	0.1V/250M	400	0.30	2.72
SWI0402F-24NJPR	24±5%	J.K	25	0.1V/250M	400	0.30	2.70
SWI0402F-27NJPR	27±5%	J.K	24	0.1V/250M	400	0.30	2.48
SWI0402F-30NJPR	30±5%	J.K	25	0.1V/250M	400	0.35	2.35
SWI0402F-33NJPR	33±5%	J.K	24	0.1V/250M	400	0.40	2.35
SWI0402F-36NJPR	36±5%	J.K	24	0.1V/250M	320	0.44	2.32
SWI0402F-39NJPR	39±5%	J.K	25	0.1V/250M	200	0.55	2.10
SWI0402F-40NJPR	40±5%	J.K	24	0.1V/250M	320	0.44	2.24
SWI0402F-43NJPR	43±5%	J.K	25	0.1V/250M	100	0.81	2.03
SWI0402F-47NJPR	47±5%	J.K	20	0.1V/250M	150	0.83	2.10
SWI0402F-51NJPR	51±5%	J.K	25	0.1V/250M	100	0.82	1.75
SWI0402F-56NJPR	56±5%	J.K	22	0.1V/250M	100	0.97	1.76
SWI0402F-68NJPR	68±5%	J.K	22	0.1V/250M	100	1.12	1.62
SWI0402F-82NJPR	82±5%	J.K	20	0.1V/250M	50	1.55	1.26
SWI0402F-R10JPR	100±5%	J.K	20	0.1V/250M	30	2.00	1.16

Note: Rated Current: 15°C rise above 25°C ambient.

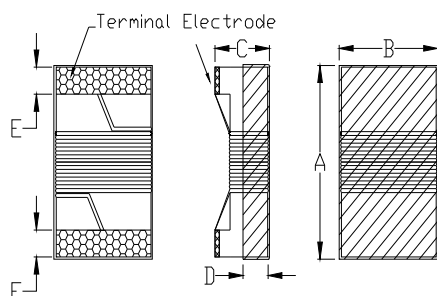
# High Frequency Winding Type Chip Inductor SWI0603F-SERIES

## 1. Features

- 1.Ceramic core wire wound construction.
- 2.No batch to batch variations in inductance
- 3.High Reliability due to ceramic wire wound construction.
- 4.High frequency application.
- 5.Small footprint as well as low profile.
- 6.100% Lead(Pb) & Halogen-Free and RoHS compliant.



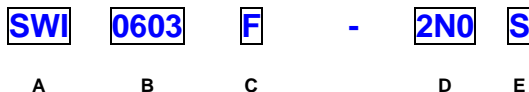
## 2. Dimensions



Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
SWI0603	1.80 max.	1.20 max.	1.20 max.	0.38 ref.	0.35±0.1

Unit:mm

## 3. Part Numbering

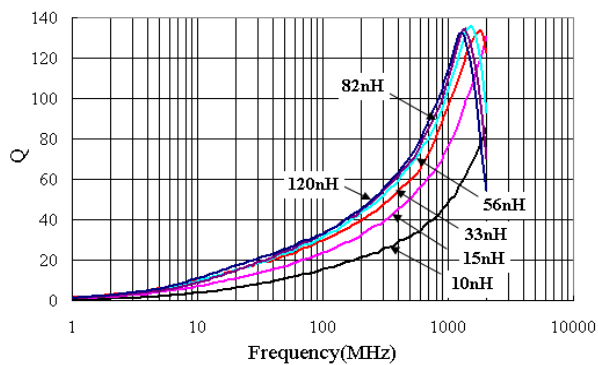
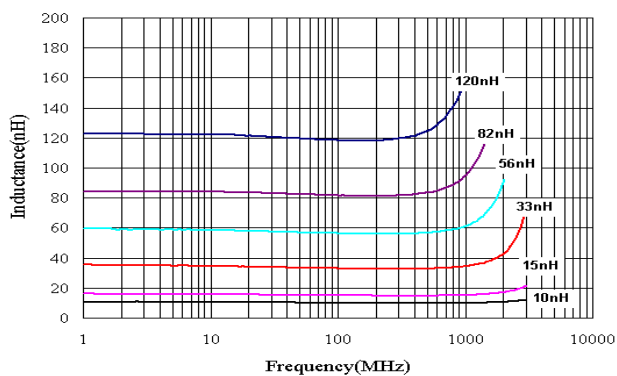


- A: Series  
 B: Dimension LxW  
 C: Lead free type  
 D: Inductance 2N0=2.0nH  
 E: Inductance Tolerance C=±0.2nH , S=±0.3nH , J=±5% , K=±10%

## 4. Specification

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ 250MHz min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI0603F-2N0C	2.0±0.2nH	C,S	0.1V/250M	13	700	0.07	8000
SWI0603F-3N9C	3.9±0.2nH	C,S	0.1V/250M	22	700	0.07	6900
SWI0603F-4N7C	4.7±0.2nH	C,J,K	0.1V/250M	20	700	0.12	5800
SWI0603F-6N8C	6.8±0.2nH	C,J,K	0.1V/250M	27	700	0.08	5800
SWI0603F-8N2C	8.2±0.2nH	C,J,K	0.1V/250M	30	700	0.13	4200
SWI0603F-10NJ	10±5%	J,K	0.1V/250M	31	700	0.13	4800
SWI0603F-12NJ	12±5%	J,K	0.1V/250M	35	700	0.13	4000
SWI0603F-15NJ	15±5%	J,K	0.1V/250M	35	700	0.13	4000
SWI0603F-18NJ	18±5%	J,K	0.1V/250M	35	700	0.16	3100

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ 250MHz min.	Rated Current (mA) max.	DCR ( $\Omega$ ) max.	SRF (MHz) min.
SWI0603F-22NJ	22±5%	J,K	0.1V/250M	38	700	0.23	3000
SWI0603F-24NJ	24±5%	J,K	0.1V/250M	38	700	0.13	2800
SWI0603F-27NJ	27±5%	J,K	0.1V/250M	40	600	0.14	2800
SWI0603F-33NJ	33±5%	J,K	0.1V/250M	40	600	0.22	2300
SWI0603F-39NJ	39±5%	J,K	0.1V/250M	40	600	0.30	2200
SWI0603F-47NJ	47±5%	J,K	0.1V/200M	38	600	0.35	2000
SWI0603F-56NJ	56±5%	J,K	0.1V/200M	38	600	0.37	1900
SWI0603F-68NJ	68±5%	J,K	0.1V/200M	37	600	0.43	1700
SWI0603F-72NJ	72±5%	J,K	0.1V/150M	34	400	0.42	1700
SWI0603F-82NJ	82±5%	J,K	0.1V/150M	34	400	0.71	1700
SWI0603F-R10J	100±5%	J,K	0.1V/150M	34	400	0.78	1400
SWI0603F-R12J	120±5%	J,K	0.1V/150M	32	300	0.84	1300
SWI0603F-R15J	150±5%	J,K	0.1V/150M	28	280	0.96	990
SWI0603F-R18J	180±5%	J,K	0.1V/100M	25	240	1.52	990
SWI0603F-R22J	220±5%	J,K	0.1V/100M	25	200	2.02	900
SWI0603F-R27J	270±5%	J,K	0.1V/100M	24	170	2.36	900
SWI0603F-R33J	330±5%	J,K	0.1V/100M	24	185	3.40	700
SWI0603F-R39J	390±5%	J,K	0.1V/100M	24	100	3.60	900



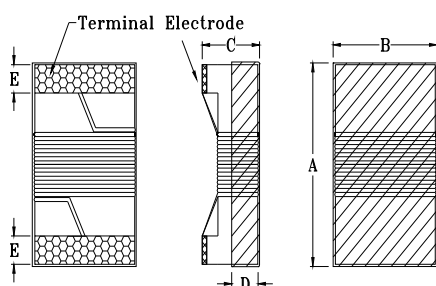
# High Frequency Winding Type Chip Inductor SWI0805F-SERIES

## 1. Features

- 1.Ceramic core wire wound construction.
- 2.No batch to batch variations in inductance
- 3.High Reliability due to ceramic wire wound construction.
- 4.High frequency application.
- 5.Small footprint as well as low profile.
- 6.100% Lead(Pb) & Halogen-Free and RoHS compliant.



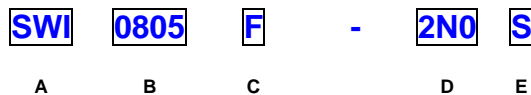
## 2. Dimensions



Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
SWI0805	2.40 max.	1.60 max.	1.40 max.	0.51 ref.	0.44±0.1

Unit:mm

## 3. Part Numbering

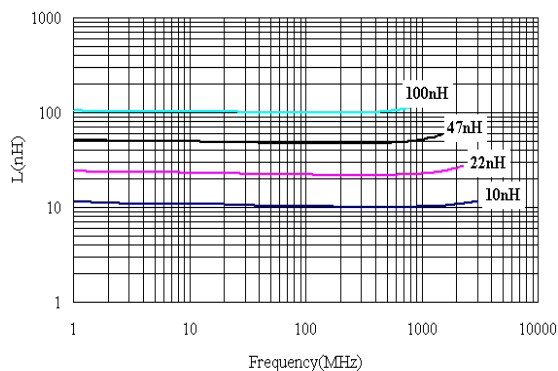
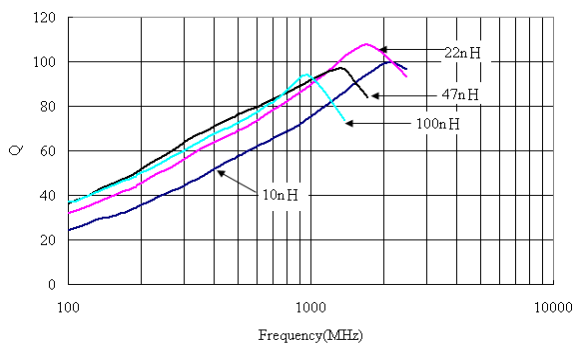


- A: Series  
 B: Dimension LxW  
 C: Lead free type  
 D: Inductance 2N0=2.0nH  
 E: Inductance Tolerance C=±0.2nH , S=±0.3nH, J=±5% ,K=±10%

## 4. Specification

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq. min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI0805F-2N0C	2.0±0.2nH	C,S	0.1V/250M	70/1500	800	0.03	8000
SWI0805F-3N9C	3.9±0.2nH	C,S	0.1V/250M	70/1500	800	0.04	5750
SWI0805F-4N7C	4.7±0.2nH	C,S	0.1V/250M	70/1500	800	0.04	5750
SWI0805F-6N8C	6.8±0.2nH	C,J,K	0.1V/250M	70/1500	800	0.06	5500
SWI0805F-7N5C	7.5±0.2nH	C,J,K	0.1V/250M	70/1000	800	0.06	4500
SWI0805F-8N2C	8.2±0.2nH	C,J,K	0.1V/250M	70/1000	800	0.06	4700
SWI0805F-10NJ	10±5%	J,K	0.1V/250M	70/1000	600	0.08	4200
SWI0805F-12NJ	12±5%	J,K	0.1V/250M	80/1000	600	0.08	4000
SWI0805F-15NJ	15±5%	J,K	0.1V/250M	80/1000	600	0.10	3400

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq. min.	Rated Current (mA) max.	DCR ( $\Omega$ ) max.	SRF (MHz) min.
SWI0805F-18NJ	18 $\pm$ 5%	J,K	0.1V/250M	80/1000	600	0.10	3300
SWI0805F-22NJ	22 $\pm$ 5%	J,K	0.1V/250M	60/500	600	0.12	2600
SWI0805F-24NJ	24 $\pm$ 5%	J,K	0.1V/250M	60/500	600	0.12	2000
SWI0805F-27NJ	27 $\pm$ 5%	J,K	0.1V/250M	60/500	600	0.12	2500
SWI0805F-33NJ	33 $\pm$ 5%	J,K	0.1V/250M	60/500	600	0.13	2050
SWI0805F-36NJ	36 $\pm$ 5%	J,K	0.1V/250M	65/500	600	0.13	1700
SWI0805F-39NJ	39 $\pm$ 5%	J,K	0.1V/250M	65/500	600	0.15	2000
SWI0805F-43NJ	43 $\pm$ 5%	J,K	0.1V/200M	65/500	600	0.15	1650
SWI0805F-47NJ	47 $\pm$ 5%	J,K	0.1V/200M	65/500	600	0.17	1650
SWI0805F-56NJ	56 $\pm$ 5%	J,K	0.1V/200M	65/500	600	0.19	1550
SWI0805F-68NJ	68 $\pm$ 5%	J,K	0.1V/200M	60/500	500	0.22	1450
SWI0805F-82NJ	82 $\pm$ 5%	J,K	0.1V/150M	55/500	400	0.40	1300
SWI0805F-R10J	100 $\pm$ 5%	J,K	0.1V/150M	55/500	400	0.52	1200
SWI0805F-R11J	110 $\pm$ 5%	J,K	0.1V/150M	55/500	400	0.52	1200
SWI0805F-R12J	120 $\pm$ 5%	J,K	0.1V/150M	50/250	400	0.55	1100
SWI0805F-R15J	150 $\pm$ 5%	J,K	0.1V/150M	50/250	400	0.73	920
SWI0805F-R18J	180 $\pm$ 5%	J,K	0.1V/100M	50/250	400	0.88	870
SWI0805F-R22J	220 $\pm$ 5%	J,K	0.1V/100M	50/250	340	1.18	850
SWI0805F-R24J	240 $\pm$ 5%	J,K	0.1V/100M	48/250	330	1.20	690
SWI0805F-R27J	270 $\pm$ 5%	J,K	0.1V/100M	48/250	310	1.36	650
SWI0805F-R33J	330 $\pm$ 5%	J,K	0.1V/100M	40/250	300	1.40	600
SWI0805F-R39J	390 $\pm$ 5%	J,K	0.1V/100M	25/250	290	1.50	560
SWI0805F-R47J	470 $\pm$ 5%	J,K	0.1V/50M	25/100	250	1.76	375
SWI0805F-R56J	560 $\pm$ 5%	J,K	0.1V/25M	23/100	210	1.90	340
SWI0805F-R62J	620 $\pm$ 5%	J,K	0.1V/25M	23/100	205	2.00	220
SWI0805F-R68J	680 $\pm$ 5%	J,K	0.1V/25M	23/100	200	2.15	200
SWI0805F-R75J	750 $\pm$ 5%	J,K	0.1V/25M	20/100	185	2.25	200
SWI0805F-R82J	820 $\pm$ 5%	J,K	0.1V/25M	20/100	170	2.50	200
SWI0805F-1R0J	1000 $\pm$ 5%	J,K	0.1V/25M	15/50	170	2.60	100

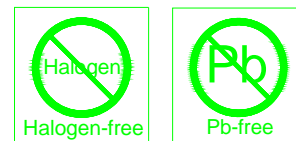


# High Frequency Winding Type Chip Inductor

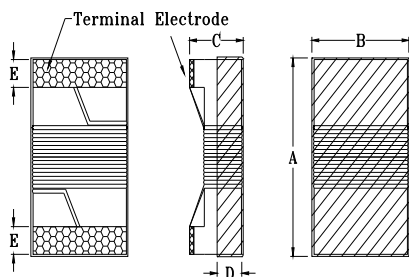
SWI0805UF-SERIES

## 1. Features

1. Ceramic core wire wound construction.
2. No batch to batch variations in inductance
3. High Reliability due to ceramic wire wound construction.
4. High frequency application.
5. Small footprint as well as low profile.
6. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



## 2. Dimensions



Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
SWI0805	2.29 max.	1.73 max.	1.52 max.	0.51 ref.	0.44±0.1

Unit:mm

## 3. Part Numbering

<b>SWI</b>	<b>0805</b>	<b>UF</b>	-	<b>2N8</b>	<b>S</b>
A	B	C		D	E

A: Series

B: Dimension

LxW

C: Material

D: Inductance

2N8=2.8nH

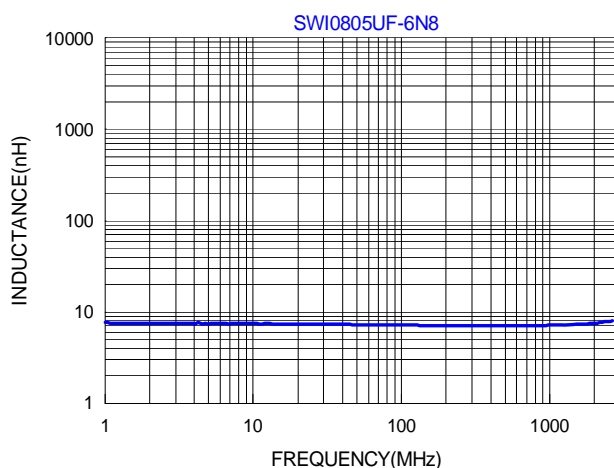
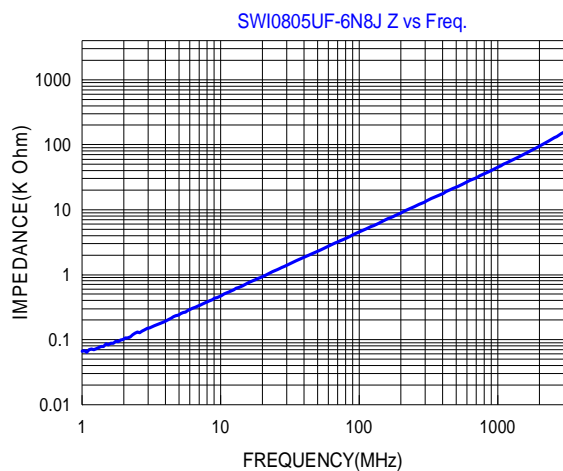
E: Inductance Tolerance

C=±0.2nH, S=±0.3nH, G=±2%, J=±5%, K=±10%

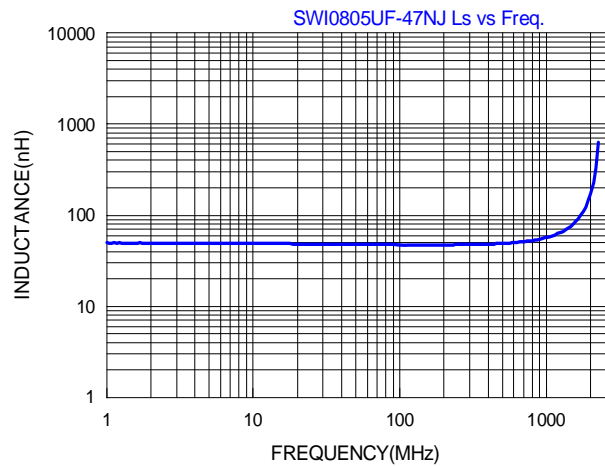
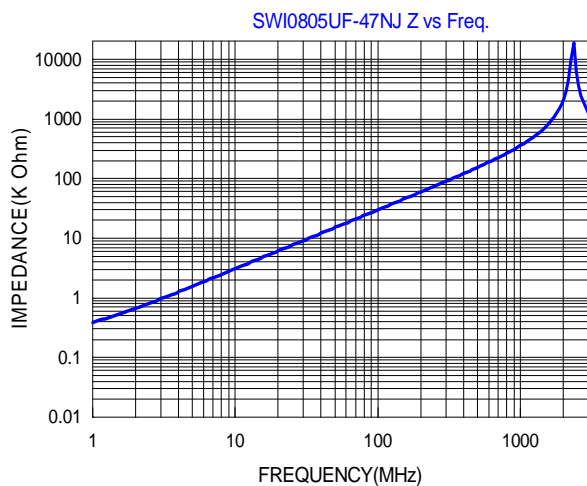
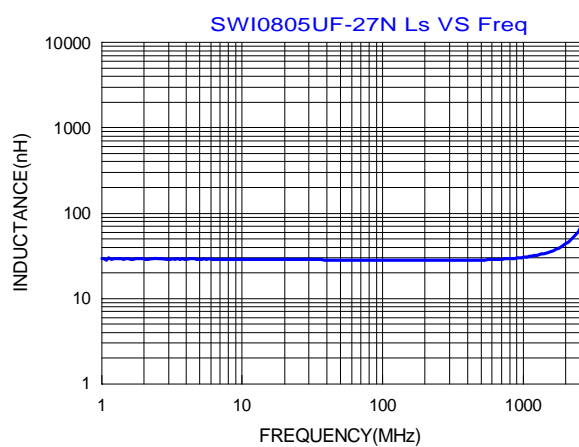
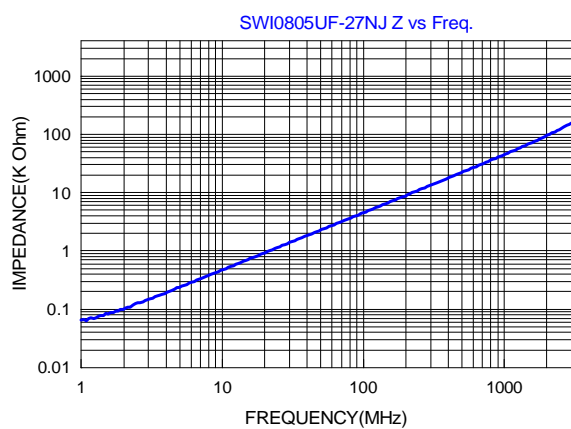
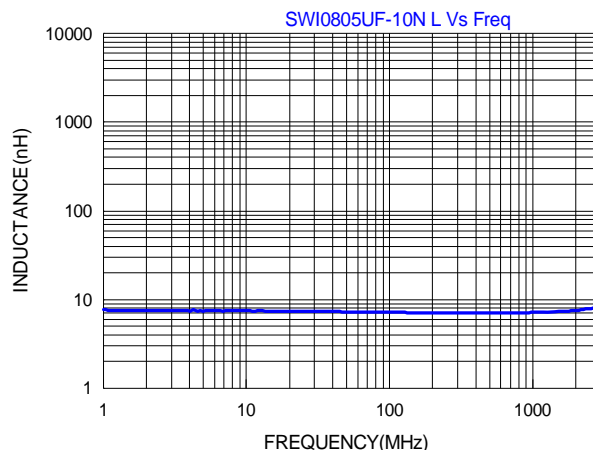
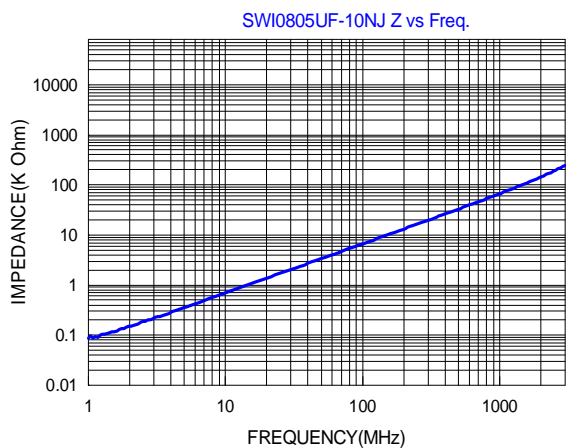
## 4. Specification

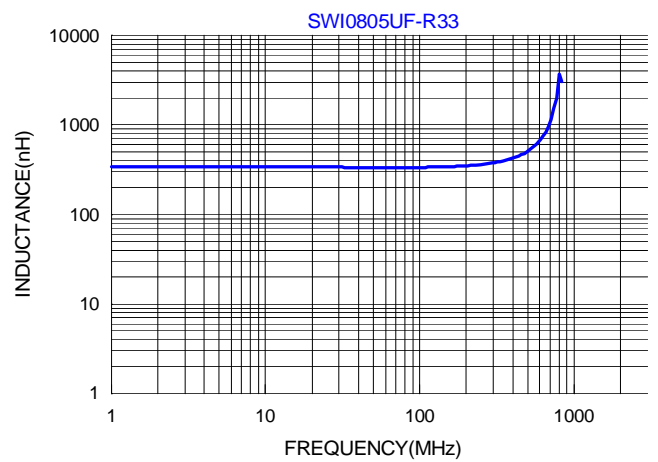
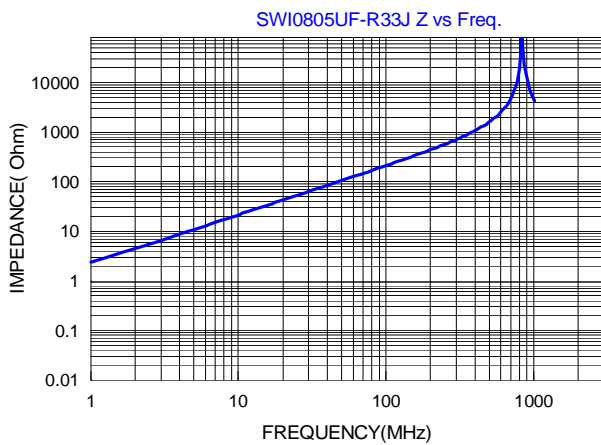
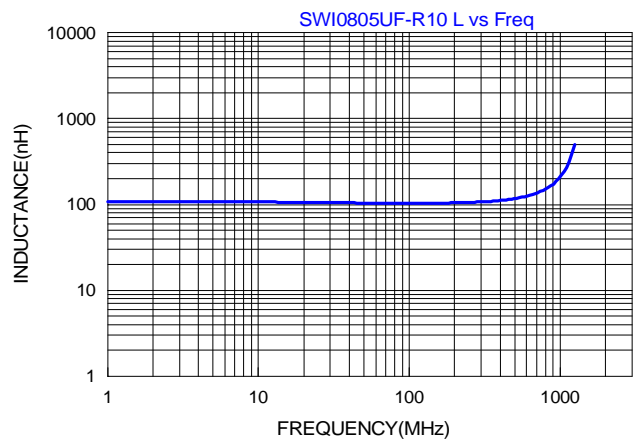
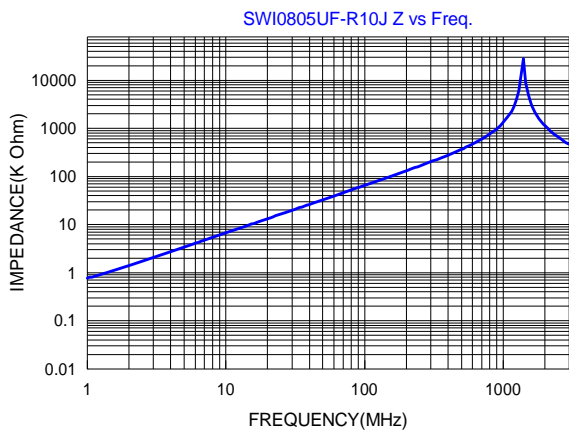
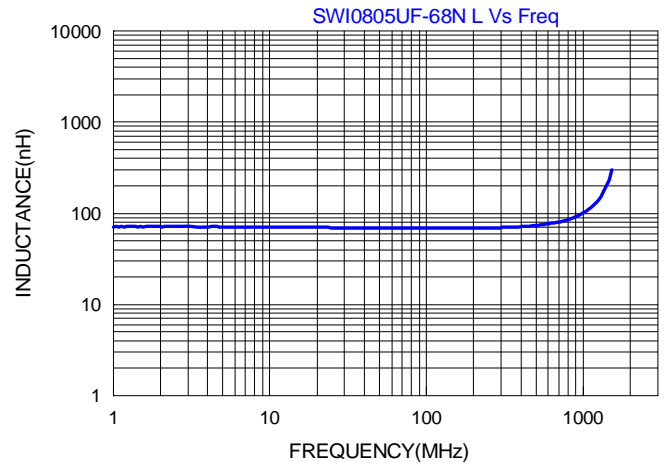
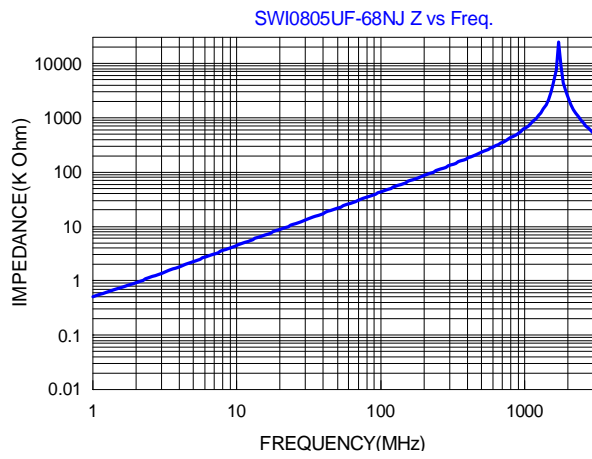
Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq. min.	I rms (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI0805UF-2N8C	2.8±0.2nH	C,S	0.1V/250M	80/1500	800	0.06	7900
SWI0805UF-3N0C	3.0±0.2nH	C,S	0.1V/250M	65/1500	800	0.06	7900
SWI0805UF-3N3C	3.3±0.2nH	C,S	0.1V/250M	50/1500	600	0.08	7900
SWI0805UF-5N6C	5.6±0.2nH	C,S	0.1V/250M	65/1000	600	0.08	5500
SWI0805UF-6N8C	6.8±0.2nH	C,J	0.1V/250M	50/1000	600	0.11	5500
SWI0805UF-7N5C	7.5±0.2nH	C,J	0.1V/250M	50/1000	600	0.14	4500
SWI0805UF-8N2C	8.2±0.2nH	C,J	0.1V/250M	50/1000	600	0.12	4700
SWI0805UF-10NG	10±2%	G,J	0.1V/250M	60/500	600	0.10	4200
SWI0805UF-12NG	12±2%	G,J	0.1V/250M	50/500	600	0.15	4000
SWI0805UF-15NG	15±2%	G,J	0.1V/250M	50/500	600	0.17	3400
SWI0805UF-18NG	18±2%	G,J	0.1V/250M	50/500	600	0.20	3300
SWI0805UF-22NG	22±2%	G,J	0.1V/250M	55/500	500	0.22	2600
SWI0805UF-24NG	24±2%	G,J	0.1V/250M	50/500	500	0.22	2000
SWI0805UF-27NG	27±2%	G,J	0.1V/250M	55/500	500	0.25	2500
SWI0805UF-33NG	33±2%	G,J	0.1V/250M	60/500	500	0.27	2050

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq. min.	I rms (mA) max.	DCR ( $\Omega$ ) max.	SRF (MHz) min.
SWI0805UF-36NG	36 $\pm$ 2%	G,J	0.1V/250M	55/500	500	0.27	1700
SWI0805UF-39NG	39 $\pm$ 2%	G,J	0.1V/250M	60/500	500	0.29	2000
SWI0805UF-43NG	43 $\pm$ 2%	G,J	0.1V/200M	60/500	500	0.34	1650
SWI0805UF-47NG	47 $\pm$ 2%	G,J	0.1V/200M	60/500	500	0.31	1650
SWI0805UF-56NG	56 $\pm$ 2%	G,J	0.1V/200M	60/500	500	0.34	1550
SWI0805UF-68NG	68 $\pm$ 2%	G,J	0.1V/200M	60/500	500	0.38	1450
SWI0805UF-82NG	82 $\pm$ 2%	G,J	0.1V/150M	65/500	400	0.42	1300
SWI0805UF-91NG	91 $\pm$ 2%	G,J	0.1V/150M	65/500	400	0.48	1200
SWI0805UF-R10G	100 $\pm$ 2%	G,J	0.1V/150M	65/500	400	0.46	1200
SWI0805UF-R11G	110 $\pm$ 2%	G,J	0.1V/150M	50/250	400	0.48	1000
SWI0805UF-R12G	120 $\pm$ 2%	G,J	0.1V/150M	50/250	400	0.51	1100
SWI0805UF-R15G	150 $\pm$ 2%	G,J	0.1V/100M	50/250	400	0.56	920
SWI0805UF-R18G	180 $\pm$ 2%	G,J	0.1V/100M	50/250	400	0.64	870
SWI0805UF-R20G	200 $\pm$ 2%	G,J	0.1V/100M	50/250	400	0.68	860
SWI0805UF-R22G	220 $\pm$ 2%	G,J	0.1V/100M	50/250	400	0.70	850
SWI0805UF-R24G	240 $\pm$ 2%	G,J	0.1V/100M	44/250	350	1.00	690
SWI0805UF-R25G	250 $\pm$ 2%	G,J	0.1V/100M	45/250	350	1.20	660
SWI0805UF-R27G	270 $\pm$ 2%	G,J	0.1V/100M	48/250	350	1.00	650
SWI0805UF-R33G	330 $\pm$ 2%	G,J	0.1V/100M	48/250	310	1.40	600
SWI0805UF-R39G	390 $\pm$ 2%	G,J	0.1V/100M	48/250	290	1.50	560
SWI0805UF-R47G	470 $\pm$ 2%	G,J	0.1V/50M	33/100	250	1.70	375
SWI0805UF-R56G	560 $\pm$ 2%	G,J	0.1V/25M	23/50	230	1.90	340
SWI0805UF-R62G	620 $\pm$ 2%	G,J	0.1V/25M	23/50	210	2.20	220
SWI0805UF-R68G	680 $\pm$ 2%	G,J	0.1V/25M	23/50	190	2.20	188
SWI0805UF-R82G	820 $\pm$ 2%	G,J	0.1V/25M	23/50	180	2.35	215
SWI0805UF-1R0G	1000 $\pm$ 2%	G,J	0.1V/25M	20/50	170	2.5	100
SWI0805UF-1R2G	1200 $\pm$ 2%	G,J	0.1V/7.9M	18/25	170	2.5	100









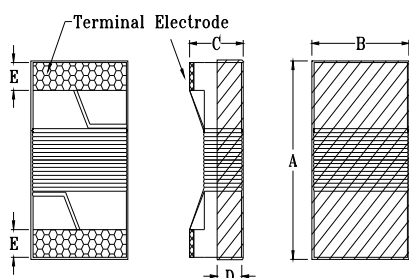
# High Frequency Winding Type Chip Inductor SWI1008UF-SERIES

## 1. Features

1. Ceramic core wire wound construction.
2. No batch to batch variations in inductance
3. High Reliability due to ceramic wire wound construction.
4. High frequency application.
5. Small footprint as well as low profile.
6. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



## 2. Dimensions



Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
SWI1008	2.92 max.	2.79 max.	2.20 max.	1.20 ref.	0.55±0.1

Unit:mm

## 3. Part Numbering

<b>SWI</b>	<b>1008</b>	<b>U</b>	<b>F</b>	-	<b>10N</b>	<b>J</b>
A	B	C	D		E	F

A: Series  
 B: Dimension  
 C: Material  
 D: Lead Free Code  
 E: Inductance  
 F: Inductance Tolerance

LxW  
 10N=10nH  
 G=±2%, J=±5%, K=±10%

## 4. Specification

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq. min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI1008UF-10NG	10±2%	G, J, K	0.1V/50M	50/500	1000	0.08	4100
SWI1008UF-12NG	12±2%	G, J, K	0.1V/50M	50/500	1000	0.09	3300
SWI1008UF-15NG	15±2%	G, J, K	0.1V/50M	50/500	1000	0.18	2500
SWI1008UF-18NG	18±2%	G, J, K	0.1V/50M	50/350	1000	0.11	2500
SWI1008UF-22NG	22±2%	G, J, K	0.1V/50M	55/350	1000	0.12	2400
SWI1008UF-27NG	27±2%	G, J, K	0.1V/50M	55/350	1000	0.13	1600
SWI1008UF-33NG	±2%	G, J, K	0.1V/50M	60/350	1000	0.14	1600
SWI1008UF-39NG	39±2%	G, J, K	0.1V/50M	60/350	1000	0.15	1500
SWI1008UF-47NG	47±2%	G, J, K	0.1V/50M	65/350	1000	0.16	1500
SWI1008UF-56NG	56±2%	G, J, K	0.1V/50M	65/350	1000	0.18	1300
SWI1008UF-68NG	68±2%	G, J, K	0.1V/50M	65/350	1000	0.20	1300
SWI1008UF-82NG	82±2%	G, J, K	0.1V/50M	60/350	1000	0.22	1000
SWI1008UF-R10G	100±2%	G, J, K	0.1V/25M	60/350	650	0.56	1000
SWI1008UF-R12G	120±2%	G, J, K	0.1V/25M	60/350	650	0.63	950

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq. min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI1008UF-R15G	150±2%	G, J,K	0.1V/25M	45/100	580	0.70	850
SWI1008UF-R18G	180±2%	G, J,K	0.1V/25M	45/100	620	0.77	750
SWI1008UF-R22G	220±2%	G, J,K	0.1V/25M	45/100	500	0.84	700
SWI1008UF-R27G	270±2%	G, J,K	0.1V/25M	45/100	500	0.91	600
SWI1008UF-R33G	330±2%	G, J,K	0.1V/25M	45/100	450	1.05	570
SWI1008UF-R39G	390±2%	G, J,K	0.1V/25M	45/100	470	1.12	500
SWI1008UF-R47G	470±2%	G, J,K	0.1V/25M	45/100	470	1.19	450
SWI1008UF-R56G	560±2%	G, J,K	0.1V/25M	45/100	400	1.33	415
SWI1008UF-R62G	620±2%	G, J,K	0.1V/25M	45/100	300	1.40	375
SWI1008UF-R68G	680±2%	G, J,K	0.1V/25M	45/100	400	1.47	375
SWI1008UF-R75G	750±2%	G, J,K	0.1V/25M	45/100	360	1.54	360
SWI1008UF-R82G	820±2%	G, J,K	0.1V/25M	45/100	400	1.61	350
SWI1008UF-R91G	910±2%	G, J,K	0.1V/25M	35/50	380	1.68	320
SWI1008UF-1R0G	1000±2%	G, J,K	0.1V/25M	35/50	370	1.75	290
SWI1008UF-1R2G	1200±2%	G, J,K	0.1V/7.9M	35/50	310	2.00	250
SWI1008UF-1R5G	1500±2%	G, J,K	0.1V/7.9M	28/50	330	2.23	200
SWI1008UF-1R8G	1800±2%	G, J,K	0.1V/7.9M	28/50	300	2.60	160
SWI1008UF-2R2G	2200±2%	G, J,K	0.1V/7.9M	28/50	280	2.80	160
SWI1008UF-2R7G	2700±2%	G, J,K	0.1V/7.9M	22/25	290	3.20	140
SWI1008UF-3R3G	3300±2%	G, J,K	0.1V/7.9M	22/25	290	3.40	110
SWI1008UF-3R9G	3900±2%	G, J,K	0.1V/7.9M	20/25	260	3.6	100
SWI1008UF-4R7G	4700±2%	G, J,K	0.1V/7.9M	18/7.9	200	4	32
SWI1008UF-5R6G	5600±2%	G, J,K	0.1V/7.9M	18/7.9	200	4.0	25
SWI1008UF-6R8G	6800±2%	G, J,K	0.1V/7.9M	18/7.9	200	4.9	21
SWI1008UF-8R2G	8200±2%	G, J,K	0.1V/7.9M	16/7.9	170	6.0	16
SWI1008UF-100G	10000±2%	G, J,K	0.1V/2.52M	15/7.9	170	8.0	14

Note

IDC : Based on inductance change (ΔL/L0 : ≤20%) @ ambient temp. 25°C

