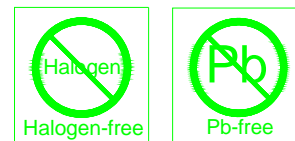


High Frequency Winding Type Chip Inductor

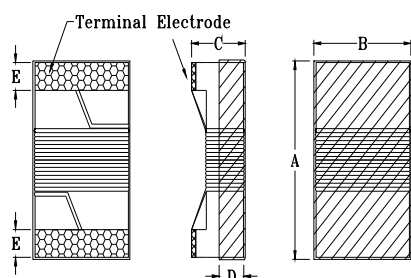
SWI0805UF-SERIES

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

SWI	0805	UF	-	2N8	S
A	B	C		D	E

A: Series

B: Dimension

LxW

C: Material

D: Inductance

2N8=2.8nH

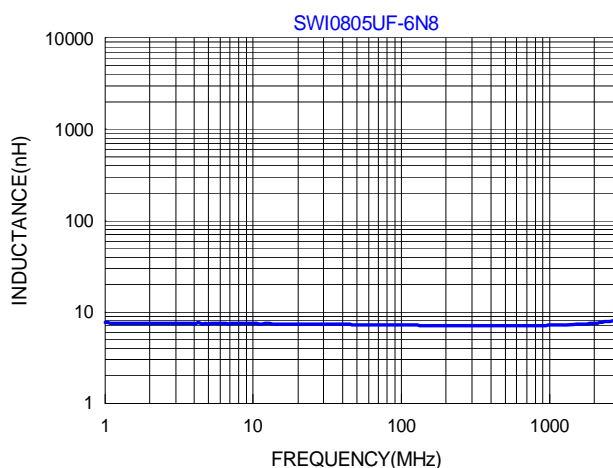
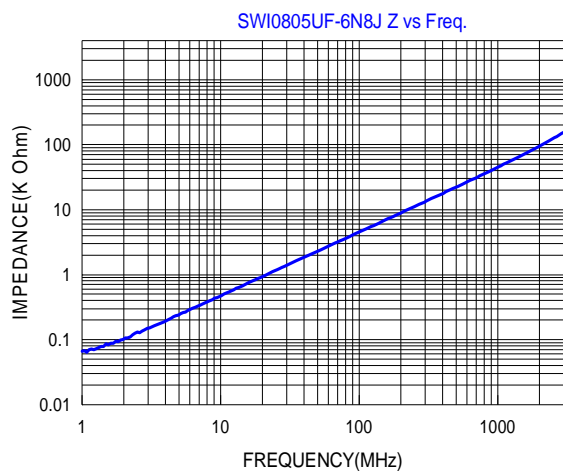
E: Inductance Tolerance

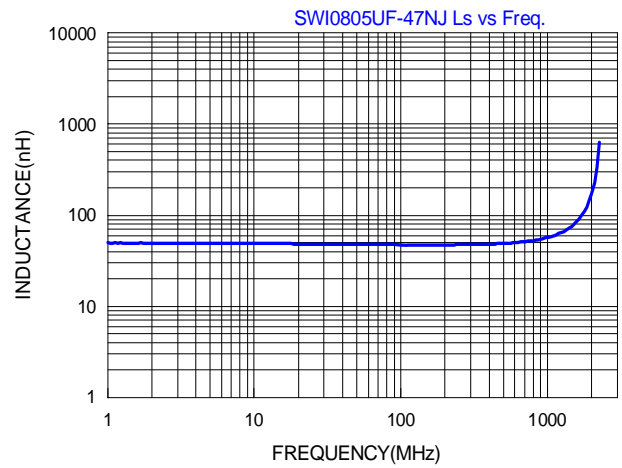
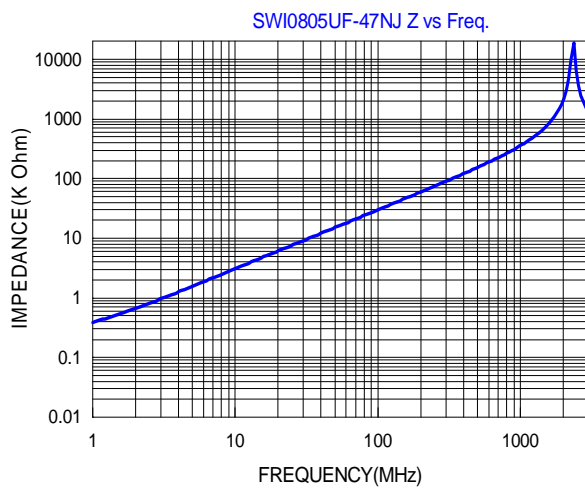
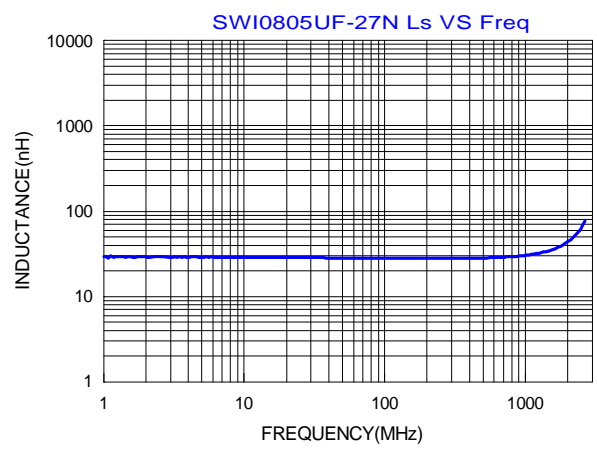
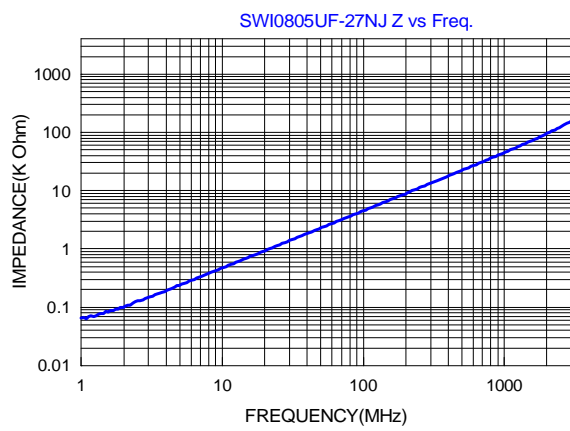
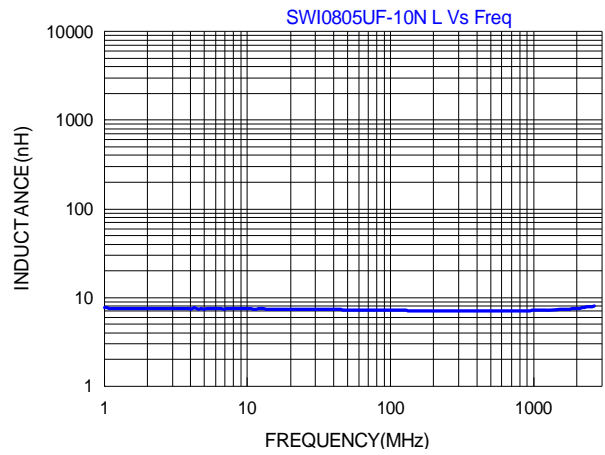
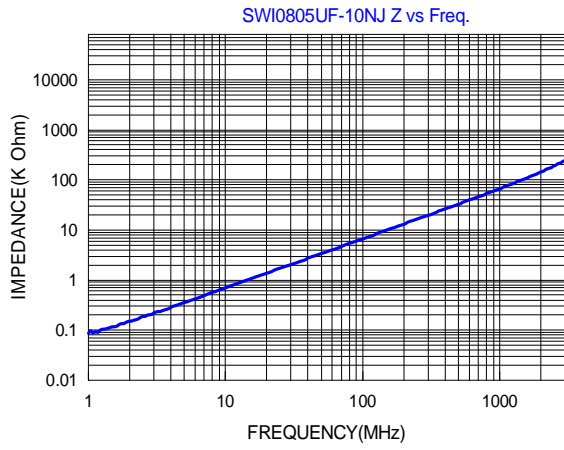
C=±0.2nH, S=±0.3nH, G=±2%, J=±5%, K=±10%

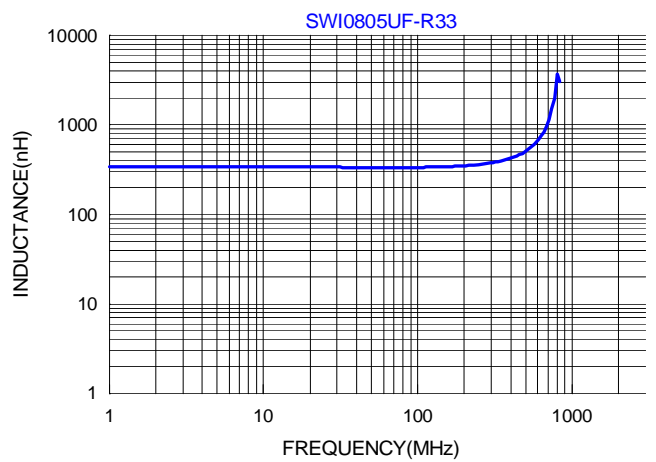
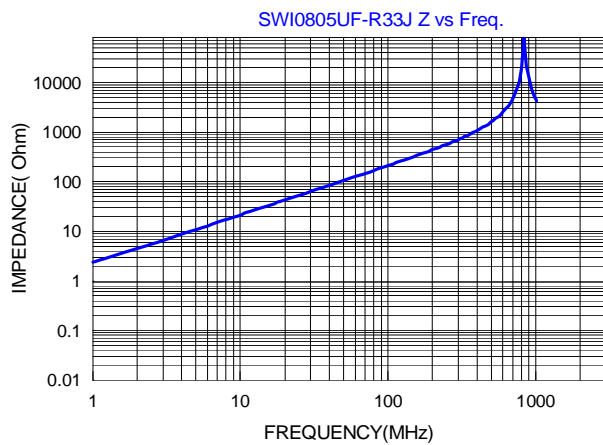
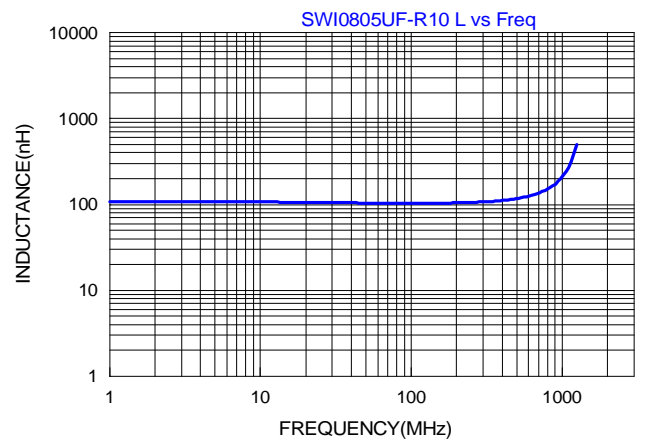
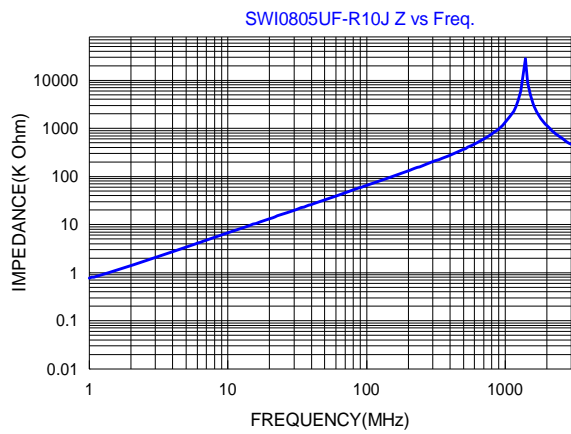
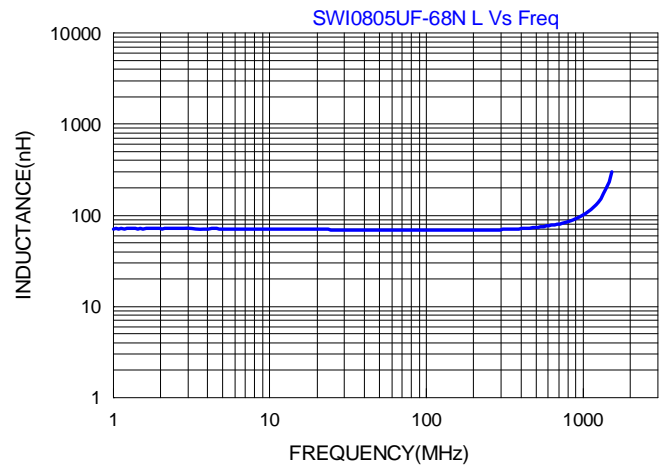
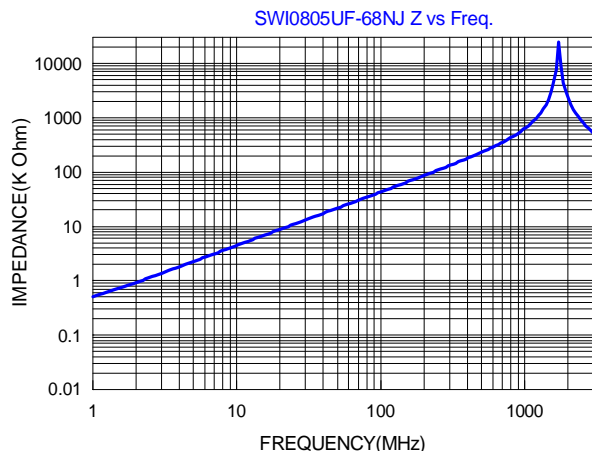
4. Specification

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 (Ω) 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







单击下面可查看定价，库存，交付和生命周期等信息

[>>TAI-TECH\(台庆\)](#)