

## CUSTOMER APPROVAL SHEET

CUSTOMER : TEST

CUSTOMER'S DWG NO : TEST

CUSTOMER'S ITEM : TEST

OUR DWG No : TEST

OUR ITEM : SSL Series

QUANTITY : 10 PCS

DATE : 2019/04/22

### SPECIFICATION

	“ ✓ ”	CUSTOMER'S SIGNATURE	NOTE
FULL APPROVAL			
CONDITIONAL APPROVED			
REJECTED			

DRAWN BY	CHECKED BY	APPROVED BY

#### Head office

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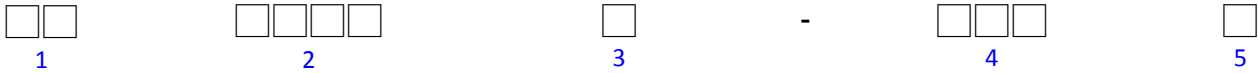
Web site: [www.core.com.tw](http://www.core.com.tw)

## Choke Coils SSL Series

### .Features

1. Low Cost
2. Wide range of inductance
3. High reliability

### .Product Identification

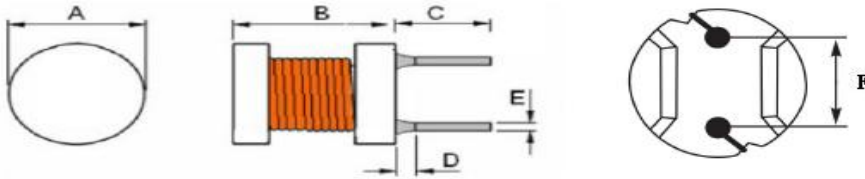


Series name	Dimensions		Internal Code	
SSL	0406	4mm*6mm	W	Normal
	0608	6mm*8mm	UW	Tube
	0810	8mm*10mm	TW	Tape
	0912	9mm*12mm		

Inductance		Tolerance	
R47	0.47	J	5%
1R0	1	K	10%
R82	0.82	M	20%

### .Shape and Dimension

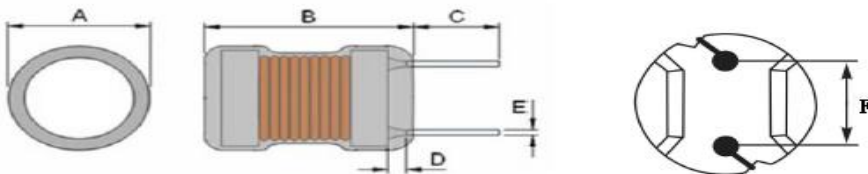
Type 1



Dimensions in mm

TYPE	A (Max)	B (Max)	C ± 1.0	D (Max)	E (Ref)	F ± 1.0
SSL0807W	9	9	5	2.5	0.6	5.0
SSL0810W	9	12	5	2.5	0.6	5.0
SSL1010W	11	12	5	2.5	0.6	5.0

Type 2



Dimensions in mm

TYPE	A (Max)	B (Max)	C ± 1.0	D (Max)	E (Ref)	F ± 1.0
SSL0807UW	9.5	9.5	5	2.5	0.6	5.0
SSL0810UW	9.5	12.5	5	2.5	0.6	5.0
SSL1010UW	11.5	12.5	5	2.5	0.6	5.0

## Choke Coils SSL Series

### Electrical Characteristics ( SSL0807(U)W TYPE )

Part No.	Inductors (μH)	Tolerance (%)	DC Resistance (Ω) Max.	IDC (A) (Max) 10% Drop ΔT=40°C	Test Frequency
SSL0807(U)W-2R2M	2.2	20%	0.012	6.0	100 KHZ/ 0.1V
SSL0807(U)W-2R7M	2.7	20%	0.014	5.5	100 KHZ/ 0.1V
SSL0807(U)W-3R3M	3.3	20%	0.17	5.0	100 KHZ/ 0.1V
SSL0807(U)W-3R9M	3.9	20%	0.02	4.5	100 KHZ/ 0.1V
SSL0807(U)W-4R7M	4.7	20%	0.024	4.2	100 KHZ/ 0.1V
SSL0807(U)W-5R6M	5.6	20%	0.028	4.0	100 KHZ/ 0.1V
SSL0807(U)W-6R8M	6.8	20%	0.033	3.6	100 KHZ/ 0.1V
SSL0807(U)W-8R2M	8.2	20%	0.035	3.3	100 KHZ/ 0.1V
SSL0807(U)W-100K	10	10%	0.04	3.1	100 KHZ/ 0.1V
SSL0807(U)W-120K	12	10%	0.05	2.8	100 KHZ/ 0.1V
SSL0807(U)W-150K	15	10%	0.065	2.5	100 KHZ/ 0.1V
SSL0807(U)W-180K	18	10%	0.078	2.3	100 KHZ/ 0.1V
SSL0807(U)W-220K	22	10%	0.1	2.1	100 KHZ/ 0.1V
SSL0807(U)W-270K	27	10%	0.11	1.9	100 KHZ/ 0.1V
SSL0807(U)W-330K	33	10%	0.12	1.7	100 KHZ/ 0.1V
SSL0807(U)W-390K	39	10%	0.16	1.6	100 KHZ/ 0.1V
SSL0807(U)W-470K	47	10%	0.19	1.45	100 KHZ/ 0.1V
SSL0807(U)W-560K	56	10%	0.21	1.3	100 KHZ/ 0.1V
SSL0807(U)W-680K	68	10%	0.28	1.2	100 KHZ/ 0.1V
SSL0807(U)W-820K	82	10%	0.33	1.1	100 KHZ/ 0.1V
SSL0807(U)W-100K	100	10%	0.4	1.0	100 KHZ/ 0.1V
SSL0807(U)W-120K	120	10%	0.45	0.9	100 KHZ/ 0.1V
SSL0807(U)W-150K	150	10%	0.51	0.8	100 KHZ/ 0.1V
SSL0807(U)W-180K	180	10%	0.7	0.7	100 KHZ/ 0.1V
SSL0807(U)W-221K	220	10%	0.8	0.65	100 KHZ/ 0.1V
SSL0807(U)W-271K	270	10%	0.9	0.6	100 KHZ/ 0.1V
SSL0807(U)W-331K	330	10%	1.16	0.55	100 KHZ/ 0.1V
SSL0807(U)W-391K	390	10%	1.31	0.45	100 KHZ/ 0.1V
SSL0807(U)W-471K	470	10%	1.75	0.4	100 KHZ/ 0.1V
SSL0807(U)W-561K	560	10%	1.95	0.38	100 KHZ/ 0.1V
SSL0807(U)W-681K	680	10%	2.2	0.35	100 KHZ/ 0.1V
SSL0807(U)W-821K	820	10%	3.0	0.32	100 KHZ/ 0.1V
SSL0807(U)W-102K	1000	10%	3.4	0.30	100 KHZ/ 0.1V
SSL0807(U)W-122K	1200	10%	4.5	0.28	100 KHZ/ 0.1V
SSL0807(U)W-152K	1500	10%	5.2	0.25	100 KHZ/ 0.1V
SSL0807(U)W-182K	1800	10%	5.8	0.22	100 KHZ/ 0.1V
SSL0807(U)W-222K	2200	10%	8.0	0.20	100 KHZ/ 0.1V
SSL0807(U)W-272K	2700	10%	8.9	0.18	100 KHZ/ 0.1V
SSL0807(U)W-332K	3300	10%	11.8	0.15	100 KHZ/ 0.1V
SSL0807(U)W-392K	3900	10%	13.1	0.12	100 KHZ/ 0.1V
SSL0807(U)W-472K	4700	10%	17.6	0.10	100 KHZ/ 0.1V
SSL0807(U)W-562K	5600	10%	19.6	0.10	100 KHZ/ 0.1V
SSL0807(U)W-682K	6800	10%	27	0.10	100 KHZ/ 0.1V

## Choke Coils SSL Series

### Electrical Characteristics ( SSL0807(U)W TYPE )

Part No.	Inductors (μH)	Tolerance (%)	DC Resistance (Ω) Max.	IDC (A) (Max) 10% Drop ΔT=40°C	Test Frequency
SSL0807(U)W-822K	8200	10%	30	0.10	100 KHZ/ 0.1V
SSL0807(U)W-103K	10000	10%	34	0.10	100 KHZ/ 0.1V
SSL0807(U)W-123K	12000	10%	46	0.08	100 KHZ/ 0.1V
SSL0807(U)W-153K	15000	10%	53	0.06	100 KHZ/ 0.1V
SSL0807(U)W-183K	18000	10%	56	0.05	100 KHZ/ 0.1V

### Electrical Characteristics ( SSL0810(U)W TYPE )

Part No.	Inductors (μH)	Tolerance (%)	DC Resistance (Ω) Max.	IDC (A) (Max) 10% Drop ΔT=40°C	Test Frequency
SSL0810(U)W-100K	10	10%	0.03	4.2	100 KHZ/ 0.1V
SSL0810(U)W-120K	12	10%	0.035	3.9	100 KHZ/ 0.1V
SSL0810(U)W-150K	15	10%	0.04	3.6	100 KHZ/ 0.1V
SSL0810(U)W-180K	18	10%	0.04	3.3	100 KHZ/ 0.1V
SSL0810(U)W-220K	22	10%	0.05	2.9	100 KHZ/ 0.1V
SSL0810(U)W-270K	27	10%	0.055	2.6	100 KHZ/ 0.1V
SSL0810(U)W-330K	33	10%	0.075	2.4	100 KHZ/ 0.1V
SSL0810(U)W-390K	39	10%	0.085	2.2	100 KHZ/ 0.1V
SSL0810(U)W-470K	47	10%	0.10	2.0	100 KHZ/ 0.1V
SSL0810(U)W-560K	56	10%	0.12	1.8	100 KHZ/ 0.1V
SSL0810(U)W-680K	68	10%	0.15	1.6	100 KHZ/ 0.1V
SSL0810(U)W-820K	82	10%	0.19	1.5	100 KHZ/ 0.1V
SSL0810(U)W-101K	100	10%	0.20	1.4	100 KHZ/ 0.1V
SSL0810(U)W-121K	120	10%	0.24	1.2	100 KHZ/ 0.1V
SSL0810(U)W-151K	150	10%	0.34	1.1	100 KHZ/ 0.1V
SSL0810(U)W-181K	180	10%	0.36	1.0	100 KHZ/ 0.1V
SSL0810(U)W-221K	220	10%	0.48	0.92	100 KHZ/ 0.1V
SSL0810(U)W-271K	270	10%	0.55	0.84	100 KHZ/ 0.1V
SSL0810(U)W-331K	330	10%	0.65	0.75	100 KHZ/ 0.1V
SSL0810(U)W-391K	390	10%	0.85	0.70	100 KHZ/ 0.1V
SSL0810(U)W-471K	470	10%	1.0	0.63	100 KHZ/ 0.1V
SSL0810(U)W-561K	560	10%	1.1	0.58	100 KHZ/ 0.1V
SSL0810(U)W-681K	680	10%	1.4	0.52	100 KHZ/ 0.1V
SSL0810(U)W-821K	820	10%	1.9	0.48	100 KHZ/ 0.1V
SSL0810(U)W-102K	1000	10%	2.2	0.43	100 KHZ/ 0.1V
SSL0810(U)W-122K	1200	10%	2.8	0.40	100 KHZ/ 0.1V
SSL0810(U)W-152K	1500	10%	3.2	0.35	100 KHZ/ 0.1V
SSL0810(U)W-182K	1800	10%	3.6	0.32	100 KHZ/ 0.1V
SSL0810(U)W-222K	2200	10%	4.8	0.29	100 KHZ/ 0.1V
SSL0810(U)W-272K	2700	10%	5.6	0.26	100 KHZ/ 0.1V
SSL0810(U)W-332K	3300	10%	7.6	0.24	100 KHZ/ 0.1V
SSL0810(U)W-392K	3900	10%	8.9	0.22	100 KHZ/ 0.1V
SSL0810(U)W-472K	4700	10%	9.6	0.20	100 KHZ/ 0.1V
SSL0810(U)W-562K	5600	10%	12	0.18	100 KHZ/ 0.1V

## Choke Coils SSL Series

### Electrical Characteristics ( SSL0810(U)W TYPE )

Part No.	Inductors (μH)	Tolerance (%)	DC Resistance (Ω) Max.	IDC (A) (Max) 10% Drop ΔT=40°C	Test Frequency
SSL0810(U)W-682K	6800	10%	14	0.16	100 KHZ/ 0.1V
SSL0810(U)W-822K	8200	10%	18	0.15	100 KHZ/ 0.1V
SSL0810(U)W-103K	10000	10%	21	0.13	100 KHZ/ 0.1V
SSL0810(U)W-123K	12000	10%	28	0.12	100 KHZ/ 0.1V
SSL0810(U)W-153K	15000	10%	32	0.11	100 KHZ/ 0.1V
SSL0810(U)W-183K	18000	10%	36	0.10	100 KHZ/ 0.1V

### Electrical Characteristics ( SSL1010(U)W TYPE )

Part No.	Inductors (μH)	Tolerance (%)	DC Resistance (Ω) Max.	IDC (A) (Max) 10% Drop ΔT=40°C	Test Frequency
SSL1010(U)W-100K	10	10%	0.023	6.1	100 KHZ/ 0.1V
SSL1010(U)W-120K	12	10%	0.025	5.6	100 KHZ/ 0.1V
SSL1010(U)W-150K	15	10%	0.028	5.0	100 KHZ/ 0.1V
SSL1010(U)W-180K	18	10%	0.030	4.6	100 KHZ/ 0.1V
SSL1010(U)W-220K	22	10%	0.042	4.1	100 KHZ/ 0.1V
SSL1010(U)W-270K	27	10%	0.046	3.7	100 KHZ/ 0.1V
SSL1010(U)W-330K	33	10%	0.055	3.4	100 KHZ/ 0.1V
SSL1010(U)W-390K	39	10%	0.075	3.1	100 KHZ/ 0.1V
SSL1010(U)W-470K	47	10%	0.082	2.8	100 KHZ/ 0.1V
SSL1010(U)W-560K	56	10%	0.09	2.6	100 KHZ/ 0.1V
SSL1010(U)W-680K	68	10%	0.12	2.3	100 KHZ/ 0.1V
SSL1010(U)W-820K	82	10%	0.14	2.1	100 KHZ/ 0.1V
SSL1010(U)W-101K	100	10%	0.15	1.9	100 KHZ/ 0.1V
SSL1010(U)W-121K	120	10%	0.21	1.75	100 KHZ/ 0.1V
SSL1010(U)W-151K	150	10%	0.245	1.6	100 KHZ/ 0.1V
SSL1010(U)W-181K	180	10%	0.30	1.45	100 KHZ/ 0.1V
SSL1010(U)W-221K	220	10%	0.36	1.3	100 KHZ/ 0.1V
SSL1010(U)W-271K	270	10%	0.49	1.2	100 KHZ/ 0.1V
SSL1010(U)W-331K	330	10%	0.57	1.1	100 KHZ/ 0.1V
SSL1010(U)W-391K	390	10%	0.62	1.0	100 KHZ/ 0.1V
SSL1010(U)W-471K	470	10%	0.81	0.90	100 KHZ/ 0.1V
SSL1010(U)W-561K	560	10%	0.92	0.80	100 KHZ/ 0.1V
SSL1010(U)W-681K	680	10%	1.20	0.75	100 KHZ/ 0.1V
SSL1010(U)W-821K	820	10%	1.35	0.68	100 KHZ/ 0.1V
SSL1010(U)W-102K	1000	10%	1.45	0.60	100 KHZ/ 0.1V
SSL1010(U)W-122K	1200	10%	2.1	0.55	100 KHZ/ 0.1V
SSL1010(U)W-152K	1500	10%	2.4	0.50	100 KHZ/ 0.1V
SSL1010(U)W-182K	1800	10%	3.5	0.45	100 KHZ/ 0.1V
SSL1010(U)W-222K	2200	10%	4.1	0.41	100 KHZ/ 0.1V
SSL1010(U)W-272K	2700	10%	5.2	0.37	100 KHZ/ 0.1V
SSL1010(U)W-332K	3300	10%	6.0	0.34	100 KHZ/ 0.1V
SSL1010(U)W-392K	3900	10%	7.0	0.31	100 KHZ/ 0.1V

## Choke Coils SSL Series

Part No.	Inductors ( $\mu$ H)	Tolerance (%)	DC Resistance ( $\Omega$ ) Max.	IDC (A) (Max) 10% Drop $\Delta T=40^{\circ}\text{C}$	Test Frequency
SSL1010(U)W-472K	4700	10%	8.5	0.28	100 KHZ/ 0.1V
SSL1010(U)W-562K	5600	10%	10	0.26	100 KHZ/ 0.1V
SSL1010(U)W-682K	6800	10%	13	0.23	100 KHZ/ 0.1V
SSL1010(U)W-822K	8200	10%	15.8	0.21	100 KHZ/ 0.1V
SSL1010(U)W-103K	10000	10%	19	0.19	100 KHZ/ 0.1V
SSL1010(U)W-123K	12000	10%	22	0.17	100 KHZ/ 0.1V
SSL1010(U)W-153K	15000	10%	29	0.16	100 KHZ/ 0.1V
SSL1010(U)W-183K	18000	10%	33	0.14	100 KHZ/ 0.1V