

EMC & Inductors

Standard Series

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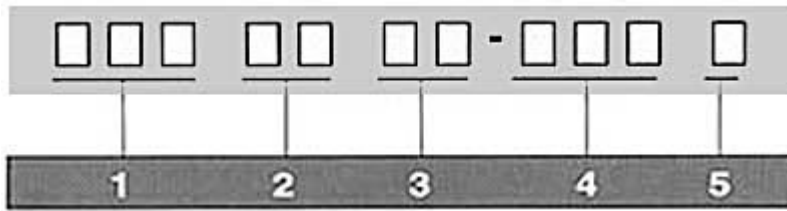
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SMD POWER INDUCTORS

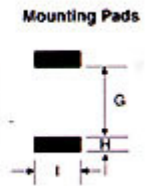
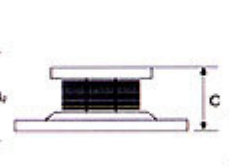
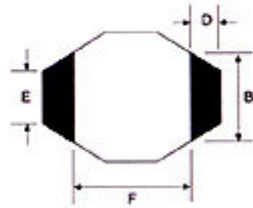
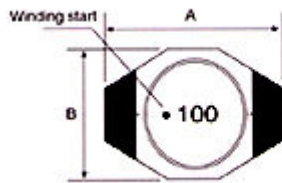
PRODUCT IDENTIFICATION



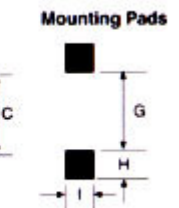
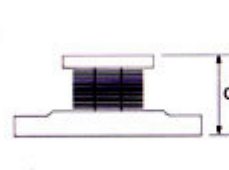
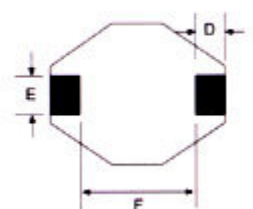
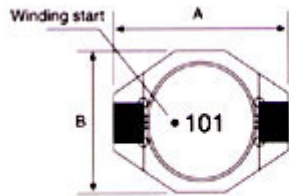
- 1) PRODUCT SYMBOL
- 2) OUTSIDE DIA. : m/m
- 3) BODY HEIGHT : m/m
- 4) INDUCTANCE : μ H
- 5) TOLERANCE : K 10% , L 15% , M 20%

Série SSPR

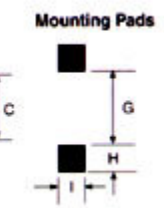
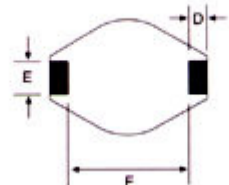
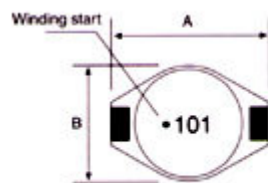
0603



13xx



1807



Dimension in m/m

Part No.	A	B	B2	C	D	E	F	G	H	I
SSPR0603	6.6Max.	4.45Max.	2.34	2.92Max.	0.76	1.27	4.83	4.57	1.14	3.05
SSPR1303	13.5Max.	9.5Max.	-	3.2Max.	2.54	2.54	8.0	7.37	3.0	2.79
SSPR1305	13.5Max.	9.5Max.	-	5.5Max.	2.54	2.54	8.0	7.37	3.0	2.79
SSPR1311	13.5Max.	9.5Max.	-	11.5Max.	2.54	2.54	8.0	7.37	3.0	2.79
SSPR1807	18.8Max.	15.5Max.	-	7.2Max.	2.54	2.54	13.5	12.45	3.0	2.79

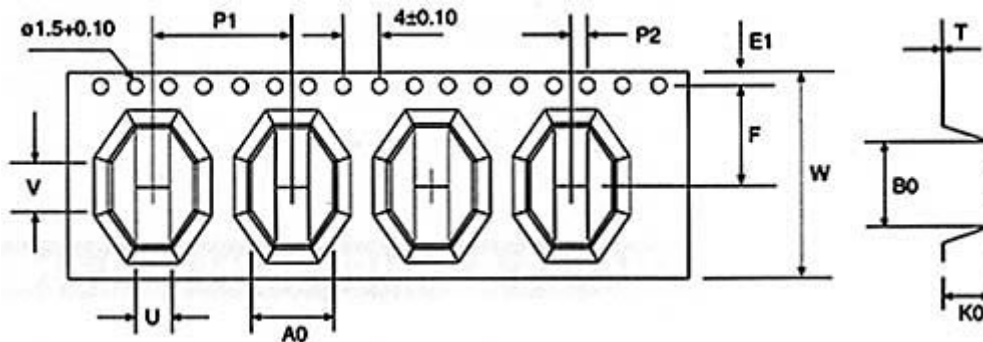
STANDARD SPECIFICATIONS

Part No.	Inductance L (μH) ±20%	DCR (Ω) Max.					Isat (A) Max.				
		SSPR 0603	SSPR 1303	SSPR 1305	SSPR 1311	SSPR 1807	SSPR 0603	SSPR 1303	SSPR 1305	SSPR 1311	SSPR 1807
1R0	1.0	0.063		0.009		0.011	2.90		9.0		20
1R5	1.5	0.063		0.010		-	2.60		8.0		-
2R2	2.2	0.075		0.012		0.014	2.30		7.0		16
3R3	3.3	0.088		0.015		0.016	2.00		6.4		14
4R7	4.7	0.100		0.018		-	1.50		5.4		-
5R6	5.6	-		-		0.022	-		-		12
6R8	6.8	0.138		0.022		-	1.20		4.6		-
100	10	0.175	0.009	0.029	0.033	0.032	1.10	2.4	3.8	8.0	10
150	15	0.250	0.12	0.046	0.042	0.036	0.90	2.0	3.0	7.0	8.0
220	22	0.400	0.19	0.058	0.054	0.047	0.70	1.6	2.6	5.5	7.0
330	33	0.550	0.25	0.10	0.08	0.066	0.58	1.4	2.0	4.0	5.5
470	47	0.700	0.32	0.14	0.10	0.087	0.50	1.0	1.6	3.8	4.5
680	68	0.938	0.55	0.18	0.17	0.13	0.40	0.9	1.4	3.0	3.5
101	100	1.380	0.70	0.26	0.22	0.19	0.31	0.7	1.2	2.5	3.0
151	150	2.125	1.00	0.38	0.34	0.25	0.27	0.6	1.0	2.0	2.6
221	220	2.875	1.60	0.61	0.44	0.38	0.22	0.5	0.8	1.6	2.4
331	330	4.125	2.20	0.93	0.70	0.56	0.18	0.4	0.6	1.2	1.9
471	470	5.300	3.30	1.27	0.95	0.85	0.16	0.3	0.5	1.0	1.4
681	680	8.500	4.40	1.84	1.20	1.20	0.14	0.2	0.4	1.0	1.2
102	1000	15.00	7.00	2.47	2.00	1.80	0.10	0.1	0.3	0.8	1.0

Reel Dimension

Dimension in m/m

Part No.	TYPE	A	B	C	D	PCS/ Reel
SSPR0603	12 mm	330±2	75±1	13.5±1	2.4±0.5	2000
SSPR1303	24 mm	330±2	75±1	26±1	2.4±0.5	700
SSPR1305	24 mm	330±2	75±1	26±1	2.4±0.5	700
SSPR1311	24 mm	330±2	75±1	26±1	2.4±0.5	300
SSPR1807	32 mm	330±2	75±1	26±1	2.4±0.5	500

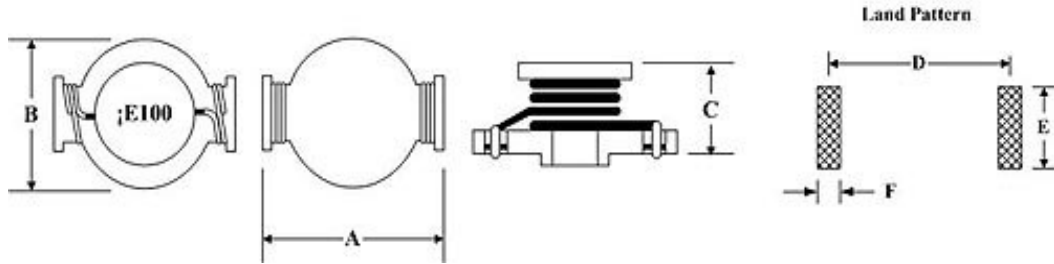


Tape Dimension

Dimension in m/m

Part No.	A0	B0	K0	P1	P2	U	V	E1	F	W	T
SSPR0603	4.8	6.9	3.2	8	2	1.44	1.34	1.75	5.5	12	0.30
SSPR1303	9.7	13.25	3.3	12	2	4.8	4.3	1.75	11.5	24	0.30
SSPR1305	9.7	13.25	5.4	12	2	4.8	4.3	1.75	11.5	24	0.30
SSPR1311	9.7	13.25	11.7	20	2	4.8	4.3	1.75	11.5	24	0.45
SSPR1807	15.54	18.84	7.4	20	2	4.3	5.8	1.75	14.2	32	0.40

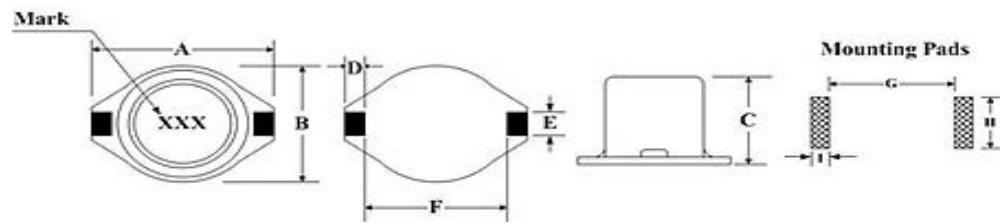
Série SSPR-HC



Part No.	A	B	C	D	E	F
SSPR 1305-HC	13.21Max	9.91Max	6.35Max	10.16	4.06	1.52
SSPR 2207-HC	22.35Max	16.26Max	8.50Max	17.53	8.64	3.18

Part No.	Inductance L (μH)±20%		DCR(Ω)Max.		Rated D.C. Current (A)Max.	
	SSPR 1305- HC	SSPR 2207-HC	SSPR 1305- HC	SSPR 2207-HC	SSPR 1305- HC	SSPR 2207-HC
R33	0.33	-	0.002	-	16.00	-
R68	0.68	-	0.005	-	12.00	-
R78	-	0.78	-	2.60	-	15.0
1R0	1.0	-	0.006	-	10.00	-
1R5	1.5	1.50	0.008	4.00	9.00	15.0
2R2	2.2	2.20	0.011	6.10	7.40	12.0
2R7	2.7	-	0.012	-	6.60	-
3R3	3.3	3.30	0.014	8.60	5.90	10.0
3R9	-	3.90	-	10.00	-	9.0
4R7	4.7	4.70	0.018	14.00	4.80	8.4
6R0	-	6.00	-	17.00	-	7.5
6R8	6.8	-	0.023	-	4.50	-
7R8	-	7.80	-	18.00	-	7.5
100	10	10.0	0.0299	26.00	4.30	6.0
150	15	15.0	0.0449	32.00	3.60	4.4
220	22		0.0644		2.90	
330	33		0.0989		2.40	
470	47		0.1461		1.90	
680	68		0.1898		1.70	
101	100		0.2772		1.40	
151	150		0.4244		1.10	
221	220		0.6360		0.93	
331	330		0.9775		0.76	

Série SSPS-C

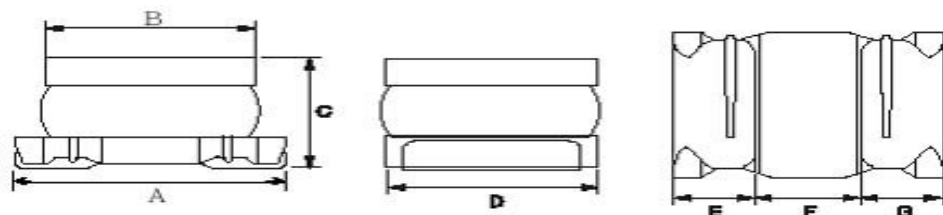


Part No.	A	B	C	D	E	F	G	H	I
SSPS 1305C	13.50Max	9.50Max	5.20Max	2.54	2.54	8.00	737	3.0	2.79
SSPS 1807C	18.80Max	15.5Max	7.20Max	2.54	2.54	13.5	12.45	3.0	2.79

STANDARD SPECIFICATIONS

Part No.	Inductance L (μH)±20%	DCR(Ω)Max.		Rated D.C. Current (A)Max.	
		SSPS 1305- C	SSPS 1807-C		
1R0	1.0	0.021		5.00	
1R5	1.5	0.022		4.50	
3R3	3.3	0.039		3.30	
4R7	4.7	0.054		2.70	
6R8	6.8	0.075		2.20	
100	10	0.101	0.040	2.00	3.90
150	15	0.150	0.048	1.50	3.40
220	22	0.207	0.059	1.30	3.10
330	33	0.334	0.075	1.10	2.80
470	47	0.472	0.097	0.80	2.40
680	68	0.560	0.138	0.68	2.00
101	100		0.207		1.70
151	150		0.293		1.30
221	220		0.470		1.10
331	330		0.780		0.86
471	470		1.080		0.73
681	680		1.400		0.64
102	1000		2.010		0.53

Série SSNI



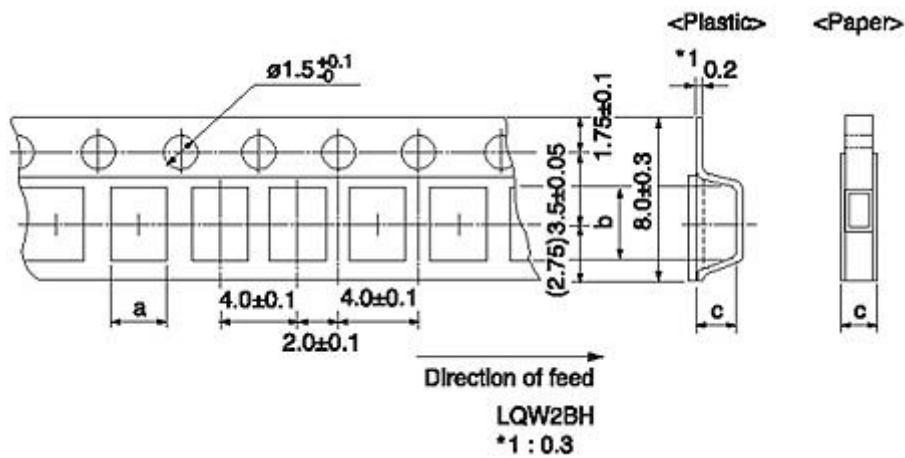
Dimension in m/m

Part No.	A	B	C	D	E	F	G
SSNI04032	4.5±0.3	3.6±0.2	2.6±0.2	3.2±0.2	1.0min	1.0min	1.0min
SSNI03025	3.2±0.3	2.5±0.2	2.0±0.2	2.5±0.2	0.9±0.3	1.3±0.2	0.9±0.3
SSNI03016	3.2±0.3	2.3±0.2	1.8±0.2	1.6±0.2	0.7min	0.7min	0.7min

STANDARD SPECIFICATIONS

Part No.	Inductance L (μH)±20%	RDC (Ω) Max. ±30			Rated Current			Self Resonance Frequency Min. Value (MHz)		
		03016	03025	04032	03016	03025	04032	03016	03025	04032
R12	0.12	0.08			0.97			250		
R22	0.22	0.10			0.85			250		
R47	0.47	0.15			0.70			180		
1R0	1.0		0.06	0.08		1.00	1.08		100	100
1R5	1.5			0.09			1.00			85
2R2	2.2	0.41	0.097	0.11	0.43	0.79	0.90	50	64	60
3R3	3.3			0.13			0.80			47
4R7	4.7	0.65	0.15	0.15	0.34	0.65	0.75	31	43	35
6R8	6.8			0.20			0.72			30
100	10	1.3	0.30		0.23	0.45		20	26	
150	15		0.58	0.32		0.30	0.57		26	20
220	22	3.0	0.71	0.60	0.16	0.25	0.42	14	19	15
330	33			1.00			0.31			12
470	47	0.1	1.30	1.10	8.00	0.17	0.28	10	150	10
680	68		2.20	1.70		0.13	0.22		12	8.4
101	100	12	3.50	2.20	0.08	0.10	0.19	7	10	6.8
151	150			3.50			0.13			5.5
221	220			4.00			0.11			4.5
331	330			3.80			0.10			3.6
471	470			8.50			0.09			3.0

MINIMU QUANTITY AND 8mm WIDTH TAPING DIMENSION

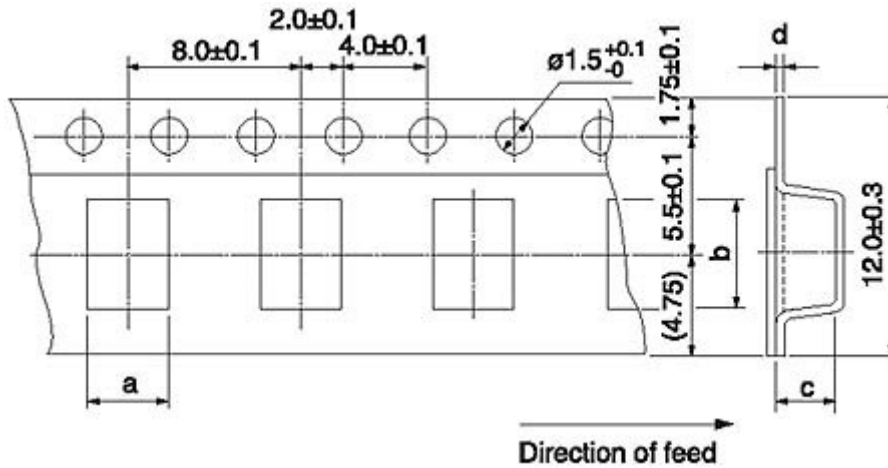


PLASTIC TYPE

Dimension in m/m

PART NO.	DIMENSIONS (in mm)			MINIMUM QTY. (PCS.)
	a	b	c	
SSNI03016	1.9	3.6	2.0	2000
SSNI03025	2.9	2.3	2.1	2000

MINIMU QUANTITY AND 12mm WIDTH TYPEING DIMENSION



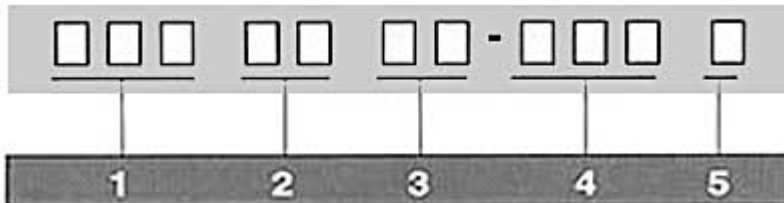
PLASTIC TYPE

Dimension in m/m

PART NO.	DIMENSIONS (in mm)			MINIMUM QTY. (PCS.)
	a	b	c	
SSNI04032	3.6	4.9	2.7	2500

Série STP

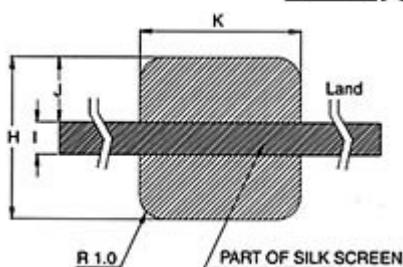
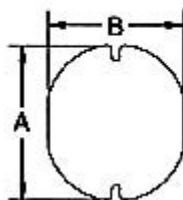
PRODUCT IDENTIFICATION



- 1) PRODUCT SYMBOL
- 2) OUTSIDE DIA. : m/m
- 3) BODY HEIGHT : m/m
- 4) INDUCTANCE : μ H
- 5) TOLERANCE : K 10% . L 15% . M 20%

DIMENSION

TERMINAL SHAPE



PART NO.	A	B	C	D TYP.
STP 0302 (1 μ H~470 μ H)	3.0 \pm 0.3	2.8 \pm 0.3	2.5 \pm 0.3	0.8
STP 0403 (1 μ H~470 μ H)	4.5 \pm 0.3	4.0 \pm 0.3	3.2 \pm 0.3	1.3
STP 0502 (10 μ H~1000 μ H)	5.8 \pm 0.3	5.2 \pm 0.3	2.5 \pm 0.3	1.3
STP 0504 (10 μ H~1000 μ H)	5.8 \pm 0.3	5.2 \pm 0.3	4.5 \pm 0.3	1.3
STP 0702 (10 μ H~270 μ H)	7.8 \pm 0.3	7.0 \pm 0.3	2.8 \pm 0.3	2.1
STP 0703 (10 μ H~470 μ H)	7.8 \pm 0.3	7.0 \pm 0.3	3.5 \pm 0.3	2.1
STP 0705 (10 μ H~470 μ H)	7.8 \pm 0.3	7.0 \pm 0.3	5.0 \pm 0.3	2.1
STP 1004 (10 μ H~560 μ H)	10.0 \pm 0.3	9.0 \pm 0.3	4.0 \pm 0.3	2.1
STP 1005 (10 μ H~820 μ H)	10.0 \pm 0.4	9.0 \pm 0.4	5.4 \pm 0.3	2.1
STP 1006 (10 μ H~1200 μ H)	11.0Max.	10.0Max.	7.5Max.	2.1
STP 1008 (1 μ H~1200 μ H)	11.0Max.	10.0Max.	8.5Max.	2.1

UNIT : mm

Type	H	I	J	K
STP0302	3.6	1.2	1.2	3.2
STP0403	5.0	1.5	1.75	4.5
STP0502	6.0	1.7	2.15	5.5
STP0504	6.0	1.7	2.15	5.5
STP0702	8.0	2.0	3.0	7.5
STP0703	8.0	2.0	3.0	7.5
STP0705	8.0	2.0	3.0	7.5
STP1004	10.0	2.5	3.75	9.5
STP1005	10.0	2.5	3.75	9.5
STP1006	10.0	2.5	3.75	9.5
STP1008	10.0	2.5	3.75	9.5

STANDARD SPECIFICATIONS

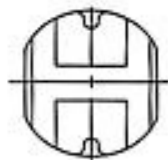
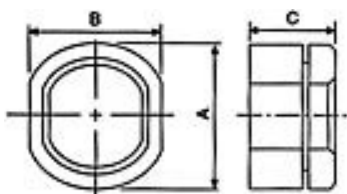
Part No.	Inductance L (μ H)	DCR (Ω)Max.												Rated D.C. Current (A) Max.														
		STP 03015	STP 03021	STP 0302	STP 0403	STP 0502	STP 0504	STP 0702	STP 0703	STP 0705	STP 1004	STP 1005	STP 1006	STP 1008	STP 03015	STP 03021	STP 0302	STP 0403	STP 0502	STP 0504	STP 0702	STP 0703	STP 0705	STP 1004	STP 1005	STP 1006	STP 1008	
1R0	1.0		0.07	0.07	0.049	0.03	0.028										2.08	2.08	2.56	4.50	3.00							
1R4	1.4		0.09	0.09	0.057	0.04	0.029										1.86	1.86	2.52	4.00	2.80							
1R8	1.8		0.11	0.11	0.064	0.05	0.030										0.80	1.80	1.95	3.30	2.60							
2R2	2.2	0.10 \pm 30%	0.13	0.13	0.072	0.06	0.042							0.79			1.39	1.39	1.75	2.94	2.30							
2R7	2.7		0.14	0.14	0.079	0.07	0.044										1.32	1.32	1.58	2.50	2.10							
3R3	3.3		0.17	0.20	0.087	0.06	0.045										1.25	1.25	1.44	2.35	2.00							
3R9	3.9		0.19	0.21	0.094	0.09	0.047										1.20	1.20	1.33	2.20	1.95							
4R7	4.7	0.15 \pm 30%	0.21	0.33	0.109	0.14	0.048										1.3	1.03	1.15	2.00	1.90							
5R6	5.6		0.22	0.35	0.126	0.15	0.050										0.91	0.91	1.10	1.80	1.80							
6R8	6.8		0.25	0.38	0.132	0.16	0.060										0.85	0.85	1.08	1.70	1.60							
8R2	8.2		0.38	0.43	0.147	0.17	0.090										0.82	0.82	1.05	1.40	1.50							

100	10	0.30±35%	0.32	0.50	0.182	0.18	0.10	0.16	0.08	0.07	0.05	0.06	0.06	0.036	0.45	0.74	0.74	1.04	1.20	1.44	1.44	1.44	2.30	2.38	2.60	3.50	4.05
120	12		0.35	0.65	0.210	0.20	0.12	0.18	0.09	0.08	0.06	0.07	0.07	0.038		0.64	0.64	0.97	1.18	1.40	1.40	1.39	2.00	2.13	2.54	3.40	3.60
150	15	0.58±30%	0.40	0.82	0.235	0.22	0.14	0.20	0.10	0.09	0.07	0.08	0.08	0.04	0.30	0.60	0.60	0.85	1.15	1.30	1.25	1.24	1.80	1.87	2.27	3.00	3.34
180	18		0.48	0.90	0.338	0.25	0.15	0.23	0.11	0.10	0.08	0.09	0.09	0.05		0.54	0.54	0.74	1.10	1.23	1.23	1.12	1.60	1.73	2.15	3.00	3.05
220	22	0.71±30%	0.58	1.14	0.378	0.35	0.18	0.27	0.13	0.11	0.09	0.10	0.10	0.06	0.25	0.50	0.50	0.68	1.00	1.11	1.41	1.07	1.50	1.60	1.95	2.60	2.80
270	27		0.65	1.39	0.522	0.45	0.20	0.35	0.15	0.12	0.10	0.11	0.11	0.07		0.43	0.43	0.62	0.86	0.97	0.95	0.94	1.30	1.44	1.76	2.40	2.50
330	33	1.10±30%	0.80	1.55	0.540	0.56	0.23	0.42	0.17	0.13	0.12	0.12	0.12	0.08	0.20	0.40	0.40	0.56	0.76	0.88	0.86	0.85	1.20	1.26	1.50	2.30	2.40
390	39		0.90	2.15	0.587	0.69	0.32	0.50	0.22	0.16	0.15	0.14	0.14	0.09		0.37	0.37	0.52	0.75	0.80	0.78	0.74	1.10	1.20	1.37	2.10	2.20
470	47	1.30±30%	1.19	2.44	0.844	0.72	0.37	0.59	0.25	0.18	0.17	0.17	0.17	0.11	0.17	0.36	0.36	0.44	0.73	0.72	0.70	0.68	1.10	1.10	1.28	1.95	2.00
500	50		1.22													0.33											
560	56		1.27	2.68	0.937	0.84	0.42	0.65	0.28	0.24	0.20	0.19	0.19	0.12		0.31	0.31	0.42	0.55	0.68	0.65	0.64	0.94	1.01	1.17	1.85	1.90
680	68	2.20±30%	1.73	3.05	1.117	0.90	0.46	0.75	0.33	0.28	0.22	0.22	0.22	0.15	0.13	0.30	0.30	0.37	0.52	0.61	0.60	0.59	0.85	0.91	1.11	1.65	1.80
750	75		1.90													0.29											
820	82		1.99	3.48	1.200	0.95	0.60	0.85	0.41	0.37	0.25	0.25	0.25	0.19		0.28	0.28	0.30	0.50	0.58	0.56	0.54	0.78	0.85	1.00	1.50	1.60
101	100	3.50±30%	2.52	3.84	1.440	1.30	0.70	1.00	0.48	0.43	0.34	0.35	0.35	0.23	0.10	0.25	0.25	0.28	0.40	0.52	0.51	0.51	0.72	0.74	0.97	1.40	1.50
121	120		2.90	5.76	1.600	1.38	0.93	1.10	0.54	0.47	0.40	0.40	0.40	0.32		0.20	0.20	0.24	0.36	0.48	0.49	0.49	0.66	0.69	0.89	1.30	1.40
151	150		3.36	6.62	1.800	1.81	1.10	1.35	0.75	0.64	0.54	0.47	0.47	0.37		0.19	0.19	0.22	0.30	0.40	0.40	0.40	0.58	0.61	0.78	1.20	1.30
181	180		3.68	7.36	2.180	1.95	1.38	1.60	1.02	0.71	0.62	0.63	0.63	0.42		0.17	0.17	0.21	0.26	0.38	0.37	0.36	0.51	0.56	0.72	1.00	1.20
221	220		5.30	8.38	2.570	2.10	1.57	2.00	1.20	0.96	0.72	0.73	0.73	0.44		0.16	0.16	0.20	0.25	0.35	0.30	0.31	0.49	0.53	0.66	0.95	1.00
271	270		5.95	13.69	3.520	2.42	1.85	2.35	1.31	1.11	0.95	0.97	0.97	0.55		0.14	0.14	0.18	0.21	0.28	0.29	0.29	0.42	0.45	0.57	0.90	0.95
301	300		8.10																								
331	330		9.24	15.78	5.000	3.82	2.00		1.50	1.26	1.10	1.15	1.15	0.60		0.13	0.13	0.12	0.18	0.26		0.28	0.40	0.42	0.52	0.80	0.90
391	390		10.14	17.40	6.000	4.68	2.60		2.70	1.77	1.24	1.30	1.30	0.67		0.12	0.12	0.115	0.16	0.24		0.27	0.36	0.38	0.48	0.75	0.80
461	460		11.15	20.00	7.000	5.10	3.00		3.00	1.96	1.53	1.48	1.48	0.88	0.09	0.084	0.084	0.11	0.15	0.12		0.25	0.34	0.35	0.42	0.65	0.70
471	470		11.48													0.08			0.14					0.32	0.33	0.60	0.65
561	560		19.49			6.00	4.19				1.90	1.90	1.90	1.04		0.08			0.13						0.28	0.50	0.60
681	680		22.00			7.60	4.44					2.25	2.45	1.18		0.07			0.07						0.24	0.48	0.50
821	820		23.98			9.12	5.12					2.55	2.55	1.38		0.0			0.05							0.46	0.48
102	1000		28.80			9.87	10.00						3.00	1.74													
122	1200	38±30%											3.50	1.92													
152	1500	55±30%	50.00												0.05	0.05											
402	4000		129.00												0.03	0.03											
962	9600		220.00													0.018											

Tolerance of Inductance

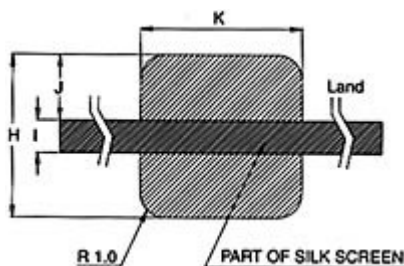
STP0302	1.0~470 μH ±20%(M)		
STP0403	1.0~27 μH ±20%(M)	33~68 μH ±10%(K)	
STP0502	1.0~1000 μH ±20%(M)		56~220 μH ±10%(K)
STP0504	10~27 μH ±20%(M)	33~47 μH ±15%(L)	
STP0702	10~270 μH ±20%(K)		
STP0703	10~47 μH ±20%(M)	56~330 μH ±10%(K)	
STP0705	10~470 μH ±10%(K)		
STP1004	10~47 μH ±20%(M)	56~560 μH ±10%(K)	
STP1005	10~39 μH ±20%(M)	47~820 μH ±10%(K)	
STP1006	10~82 μH ±20%(M)	100~1200 μH ±10%(K)	
STP1008	10~82 μH ±20%(M)	100~1200 μH ±10%(K)	

Série SSSD



(m/m)

TYPE	A	B	C
SSSD 0603	6.5±0.4	5.5±0.4	3.2±0.4
SSSD 0704	7.5±0.4	7.0±0.4	4.5±0.4
SSSD 1005	10.0±0.4	9.0±0.4	5.2±0.5

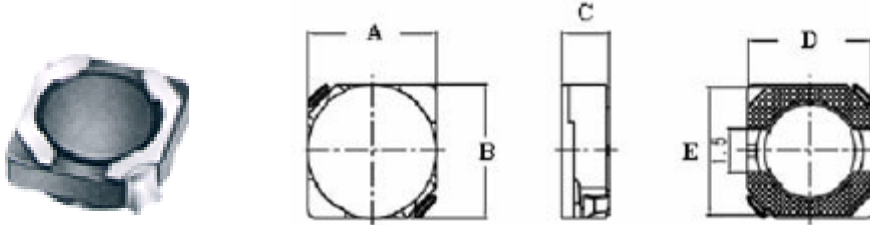


TYPE	H	I	J	K
SSSD 0603	6.0	1.7	2.15	5.5
SSSD 0704	8.0	2.0	3.0	7.5
SSSD 1005	10.0	2.5	3.75	9.5

STANDARD SPECIFICATIONS

Part No.	Inductance L (μH)	DCR (Ω) Max			Rated D.C. Current (A) Max		
		SSSD 0603	SSSD 0704	SSSD 1005	SSSD 0603	SSSD 0704	SSSD 1005
100	10	0.14	0.07	0.06	1.00	1.50	2.06
120	12	0.16	0.07	0.07	0.94	1.30	1.94
150	15	0.18	0.08	0.07	0.86	1.22	1.72
180	18	0.25	0.10	0.08	0.78	1.13	1.58
220	22	0.32	0.12	0.08	0.76	1.08	1.42
270	27	0.36	0.16	0.10	0.64	0.84	1.32
330	33	0.41	0.18	0.11	0.61	0.78	1.16
390	39	0.47	0.18	0.12	0.53	0.74	1.10
470	47	0.51	0.27	0.14	0.50	0.66	1.00
560	56	0.72	0.29	0.19	0.46	0.64	0.93
680	68	0.82	0.33	0.21	0.42	0.54	0.85
820	82		0.43	0.28		0.52	0.79
101	100		0.49	0.34		0.42	0.72
121	120		0.68	0.37		0.40	0.63
151	150		0.94	0.51		0.35	0.55
181	180		1.00	0.57		0.33	0.50
221	220		1.18	0.78		0.32	0.47
271	270		1.30	0.87		0.28	0.41
331	330			1.20			0.37
391	390			1.34			0.35
471	470			1.50			0.33

Série SPRB



Part No.	A	B	C
SPRB 3D16	3.8 ± 0.3	3.8 ± 0.3	1.6 ± 0.3

STANDARD SPECIFICATIONS

Part No.	Inductance L (μH) ±20%	DCR(Ω)Max.	Rated D.C. Current (A)Max.
100	10	0.16	0.55
150	15	0.23	0.42
220	22	0.35	0.35
330	33	0.47	0.32
470	47	0.60	0.24
680	68	1.10	0.22
101	100	1.40	0.17

Part No.	A	B	C	D	E
SPRB 0502	5.30 Max	5.30 Max	2.00 Max	4.5	4.5
SPRB 0503	5.30 Max	5.30 Max	3.00 Max	4.5	4.5

STANDARD SPECIFICATIONS

Part No.	Inductance L (μH)±30%	DCR(Ω)Max.		Rated D.C. Current (A)Max.	
		SPRB0502	SPRB0503	SPRB0502	SPRB0503
1R0	1.0	0.045	0.0236	1.72	2.56
1R2	1.2				
1R8	1.8				
2R2	2.2	0.075	0.0275	1.32	2.20
2R7	2.7				
		0.105	0.0313	1.28	2.04
			0.0433		1.60
3R3	3.3	0.110	0.0492	1.04	1.57
3R9	3.9	0.155	0.0648	0.88	1.44
4R7	4.7	0.162	0.0720	0.84	1.32
5R6	5.6	0.170	0.1009	0.80	1.17
6R8	6.8	0.200	0.1089	0.76	1.12
8R2	8.2	0.230	0.1175	0.68	1.04
100	10	0.260	0.1283	0.61	1.00
120	12	0.280	0.1316	0.56	1.84
150	15	0.310	0.1490	0.50	0.76
180	18	0.338	0.1660	0.48	0.72
220	22	0.397	0.2350	0.41	0.70
270	27	0.441	0.2610	0.35	0.58
330	33	0.694	0.3780	0.32	0.56
390	39	0.709	0.3837	0.30	0.50
470	47		0.5870		0.48
560	56		0.6245		0.41
680	68		0.6990		0.35
820	82		0.9148		0.32
101	100		1.02		0.29
121	120		1.27		0.27
151	150		1.35		0.24
181	180		1.54		0.22

Part No.	A	B	C	D	E	E
SPRB 0602	6.0 ± 0.3	6.0 ± 0.3	2.0 ± 0.3	8.2 Max	5.7	5.7
SPRB 0603	6.0 ± 0.3	6.0 ± 0.3	3.0 ± 0.3	8.2 Max	5.7	5.7

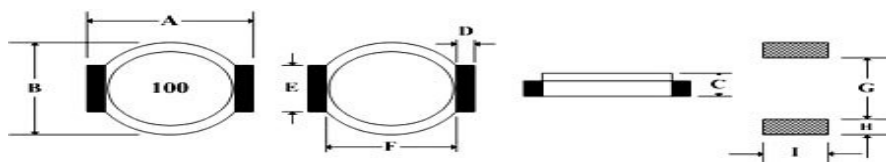
STANDARD SPECIFICATIONS

Part No.	Inductance L (μH)±20%	DCR(Ω)Max.		Rated D.C. Current (A)Max.	
		SPRB0602	SPRB0603	SPRB0602	SPRB0603
2R6	2.6	0.57	0.018		2.60
3R0	3.0		0.024		2.40
4R1	4.1				1.95
4R2	4.2		0.031		2.20
5R3	5.3	0.076	0.038	1.40	1.90
5R4	5.4				
6R2	6.2	0.096	0.045	1.25	1.80
8R2	8.2		0.053		1.60
8R6	8.6				
8R9	8.9		0.116		

100	10	0.124	0.065	1.20	1.30
120	12	0.153	0.076	1.10	1.20
150	15	0.196	0.103	0.97	1.10
180	18	0.210	0.110	0.85	1.00
220	22	0.290	0.122	0.80	0.90
270	27	0.330	0.175	0.75	0.85
330	33	0.386	0.189	0.65	0.75
390	39	0.520	0.212	0.57	0.70
470	47	0.595	0.260	0.54	0.62
560	56	0.665	0.305	0.50	0.58
680	68	0.840	0.355	0.43	0.52
820	82	0.978	0.463	0.41	0.46
101	100	1.15	0.520	0.36	0.42

Part No.	Inductance L (μH) ±20%	DCR (Ω)Max.			Rated D.C. Current (A)Max.		
		SPRB0703	SPRB0704	SPRB104R	SPRB0703	SPRB0704	SPRB104R
1R0	1.0			0.0065			10.00
1R2	1.2						
1R5	1.5			0.0081			10.00
1R8	1.8						
2R2	2.2						
2R5	2.5			0.0105			7.50
2R6	2.6						
2R7	2.7						
3R0	3.0	0.024			3.00		
3R3	3.3		0.02			3.50	
3R8	3.8			0.013			6.00
3R9	3.9	0.027			2.60		
4R1	4.1						
4R2	4.2						
4R7	4.7						
5R0	5.0	0.031	0.024		2.40	2.90	
5R2	5.2			0.022			5.50
5R3	5.3				1.90		
5R4	5.4						
5R6	5.6						
6R0	6.0	0.035			2.25		
6R2	6.2		0.027			2.50	
6R8	6.8						
7R0	7.0			0.027			4.80
7R3	7.3	0.054			2.10		
7R4	7.4		0.031			2.30	
8R2	8.2						
8R6	8.6	0.058	0.034		1.85	2.20	
8R9	8.9						
100	10	0.065	0.038	0.035	1.70	2.00	4.40
120	12	0.070	0.053		1.55	1.70	
150	15	0.084	0.057	0.050	1.40	1.60	3.60
180	18	0.095	0.092		1.32	1.50	
220	22	0.128	0.096	0.073	1.20	1.30	2.90
270	27	0.142	0.109		1.05	1.20	
330	33	0.165	0.124	0.093	0.97	1.10	2.30
390	39	0.210	0.138		0.86	1.00	
470	47	0.238	0.155		0.80	0.95	
560	56	0.277	2.10	0.128	0.73	0.85	2.10
680	68	1.50	0.234	0.213	0.55	0.75	1.50
820	82	0.390	0.324		0.60	0.70	
101	100	0.535	0.358	0.304	0.54	0.65	1.35
121	120						
151	150			0.506			1.15
181	180						
221	220			0.758			0.92
331	330			1.090			0.72

Série SSTB



Part No.	A	B	C	D	E	F	G	H	I
SSTB06011	6.5Max	5.3±0.1	1.1Max	0.9	3.0	4.5	4	1	2.3
SSTB06012	6.5Max	5.3±0.1	1.2Max	0.9	3.0	4.5	4	1	2.3
SSTB06015	6.5Max	5.3±0.1	1.5Max	0.9	3.0	4.5	4	1	2.3
SSSTB0701	7.3Max	6.1Max	1.4Max	1.0	3.0	5.0	4.5	1.5	3.5
SSTB07015	7.3Max	6.1Max	1.5Max	1.0	3.0	5.0	4.5	1.5	3.5

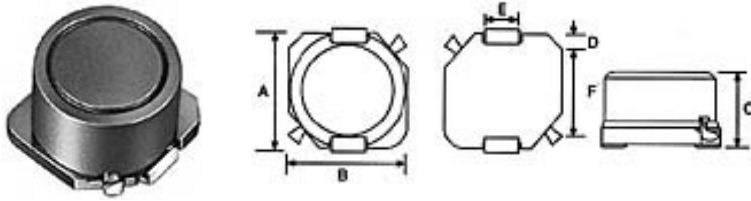
STANDARD SPECIFICATIONS

SSTB06012 TYPE:

Part No.	Inductance L (μH)	DCR(Ω)Max.			Rated D.C. Current (A)Max.		
		SSTB06011	SSTB06012	SSTB060115	SSTB06011	SSTB06012	SSTB060115
1R0	1.0						
2R2	2.2		0.125			1.20	
3R3	3.3		0.155			0.96	
4R7	4.7	0.210	0.206		0.85	0.90	
6R8	6.8	0.280	0.240		0.70	0.80	
8R2	8.2	0.350			0.65		
100	10	0.390	0.370	0.220	0.60	0.70	0.60
120	12	0.420			0.65		
150	15	0.500	0.460		0.40	0.60	
220	22	0.700	0.668		0.30	0.50	
270	27						
330	33		1.100			0.42	
470	47		1.380			0.34	
101	100			1.780			0.17

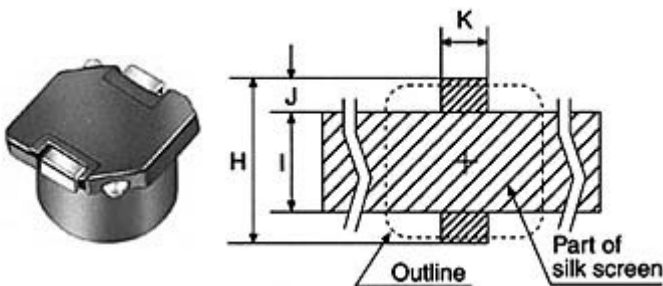
Part No.	Inductance L (μH)	DCR(Ω)Max	Rated D.C. Current (mA)Max.
4R7	4.7	150	1000
6R8	6.8	210	800
100	10.0	265	750
220	22.0	650	480
330	33.0	940	390
470	47.0	1380	320

Série SSB



Dimension in m/m

TYPE	A	B	C	D	E	F
SSB0728	7.5Max.	7.5Max.	3.0±0.5	1.0±0.2	2.0±0.2	5.0±1.0
SSB0732	7.5Max.	7.5Max.	3.5±0.5	1.0±0.2	2.0±0.2	5.0±1.0
SSB0745	7.5Max.	7.5Max.	5.2Max	1.0±0.2	2.0±0.2	5.0±1.0
SSB1108	11.0Max.	11.0Max.	8.0Max	2.5±0.3	2.5±0.3	6.0±0.5



TYPE	H	I	J	K
SSB0728	8.5	4.0	2.5	2.8
SSB0732	8.5	4.0	2.5	2.8
SSB0745	8.5	4.0	2.5	2.8
SSB1108	11.5	5.0	3.0	3.5

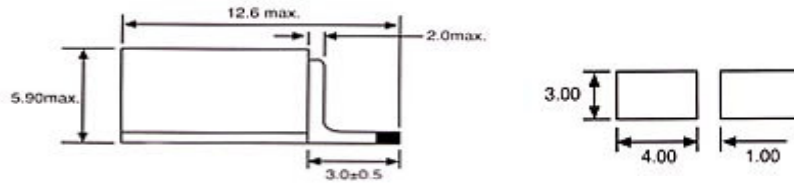
Part No.	Inductance L (μH)	DCR (Ω)Max.				Rated D.C. Current (A)Max.			
		SSB 0728	SSB 0732	SSB 0745	SSB 1108	SSB 0728	SSB 0732	SSB 0745	SSB 1108
3RS	3.3	0.046	0.029	0.025		1.60	1.90	2.50	
4R7	4.7	0.056	0.045	0.038		1.50	1.70	2.00	
6R8	6.8	0.074	0.051	0.049		1.30	1.60	1.70	
100	10	0.104	0.066	0.045	0.045	1.10	1.40	1.30	2.5
150	15	0.163	0.094	0.065	0.060	0.88	1.10	1.10	2.2
220	22	0.225	0.138	0.076	0.071	0.75	0.95	0.90	1.9
330	33	0.300	0.200	0.120	0.10	0.65	0.75	0.82	1.7
470	47	0.425	0.300	0.156	0.12	0.54	0.67	0.75	1.5
680	68		0.388	0.219	0.17		0.59	0.60	1.3
101	100		0.563	0.313	0.25		0.45	0.50	1.1
151	150		0.813	0.425	0.42		0.37	0.40	0.81
221	220		1.313	0.650	0.57		0.29	0.33	0.70
331	330		2.088	0.925	0.82		0.22	0.25	0.58
471	470		2.563	1.313	1.24		0.20	0.22	0.47
681	680		3.938	1.850	2.00		0.16	0.20	0.38
102	1000		5.975	2.850	3.40		0.13	0.14	0.29
152	1500				4.20				0.26

1. Test Freq. (L)
10~1500 μH (1KHz)

2. Tolerance of Inductance
SQB1108 10~1500 μH ± 20% (M)

TYPICAL ELECTRICAL CHARACTERISTICS CURVE SQB1108
TEST INSTRUMENT : HP 4263B Zentech 301A
INDUCTANCE-CURRENT (REFERENCE)

Série SSEO



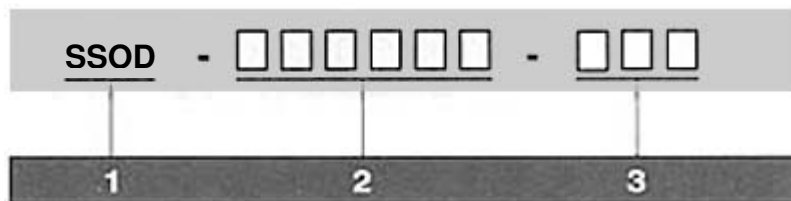
STANDARD SPECIFICATIONS

Part No.	Inductance L (μH) ±20%	DCR (Ω) Max.		Rated D.C. Current (A) Max.
		SSEO1306		
1R0	1.0	0.025		2.0

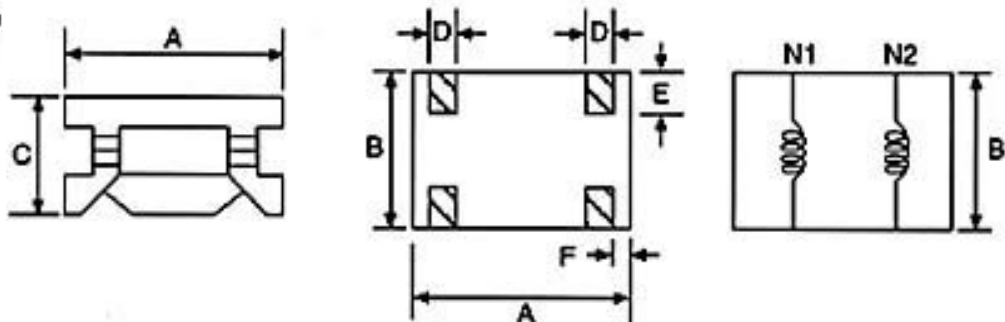
SMD EMI FILTERS

Série SSOD

SHAPES & DIMENSION



- 1) PRODUCTS SYMBOL
- 2) DIMENSION
- 3) IMPEDANCE



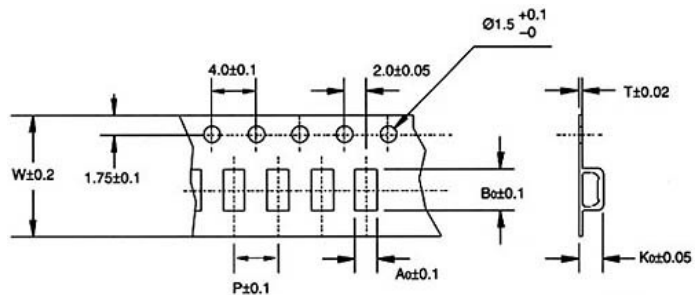
Dimensions in m/m

Part No.	A(±0.3)	B(±0.3)	C(±0.3)	D(min)	E(min)	F(±0.1)
SSOD508505	5.0	8.5	5.0	1.0	1.5	0.2
SSOD750603	7.5	6.0	3.0	1.5	1.5	0.7
SSOD100805	10.0	8.0	5.0	1.8	1.5	0.8
SSOD121006	12.0	10.0	6.0	2.0	1.5	1.0

STANDARD SPECIFICATIONS

Part Number	Impedance (Ω) at 100 MHz. Min	DC Resistance ($m\Omega$)Max.	Rated Current (A) Max.
SSOD465516-201	200	100	2A
SSOD465516-401	400	100	2A
SSOD508505-202	2000	75	2.5
SSOD750603-601	600	45	2.0
SSOD750603-701	700	50	2.0
SSOD100805-701	700	45	4.0
SSOD100805-901	900	50	4.0
SSOD121006-801	800	30	5.0
SSOD121006-751	750	40	5.0
SSOD121006-701	700	45	5.0

TAPE DIMENSIONS



Carrier tape material: polystyrene

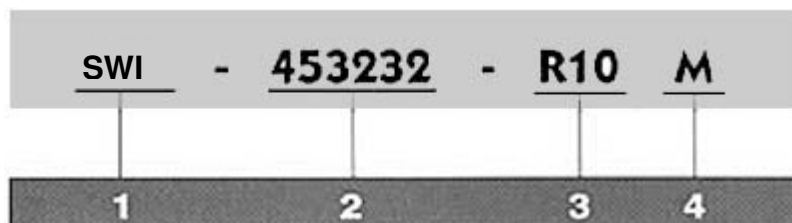
Dimensions in m/m

Type	Type	A0	B0	K0	W	P	T
SSOD508505	16	5.4	8.9	5.4	16.0	8.0	0.40
SSOD750603	16	6.4	7.9	3.4	16.0	12.0	0.30
SSOD100805	24	8.4	10.4	5.4	24.0	12.0	0.35
SSOD121006	24	10.4	12.4	6.4	24.0	16.0	0.40

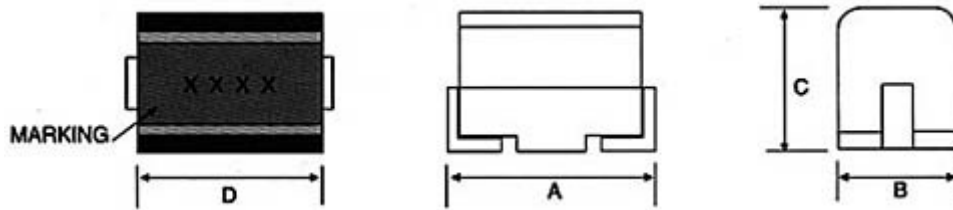
CHIP SUPPRESSORS

Série SWI

PRODUCT IDENTIFICATION



- 1) PRODUCTS SYMBOL
- 2) DIMENSION
- 3) INDUCTANCE
- 4) TOLERANCE J:±5% , K:±10% , M:±20%



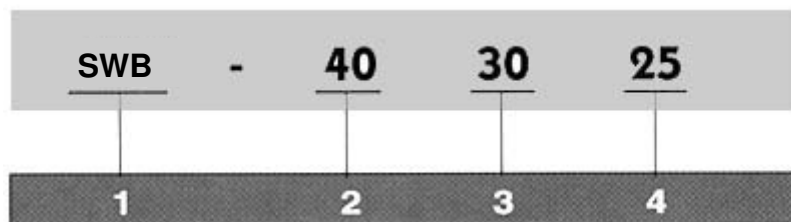
Inductance (μ H) 0,12 - 220

PART NO.	A	B	C	D
SWI-322522	3.20 \pm 0.30	2.50 \pm 0.20	2.20 \pm 0.20	2.90 \pm 0.20
SWI-453232	4.50 \pm 0.30	3.20 \pm 0.20	3.20 \pm 0.20	4.50 \pm 0.20

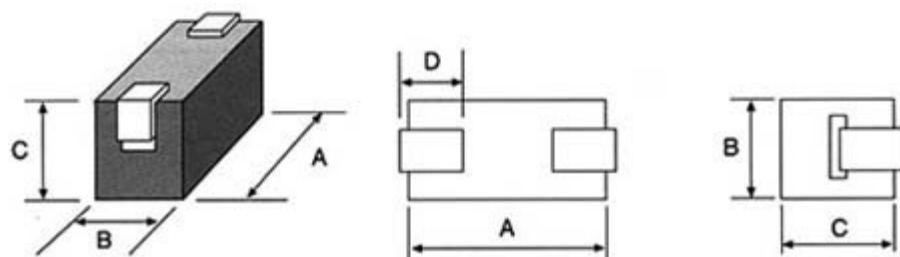
EMI SUPPRESSORS

Série SWB

PRODUCT IDENTIFICATION



- 1) PRODUCTS SYMBOL
- 2) DIMENSION (A)
- 3) DIMENSION (B)
- 4) DIMENSION (C)

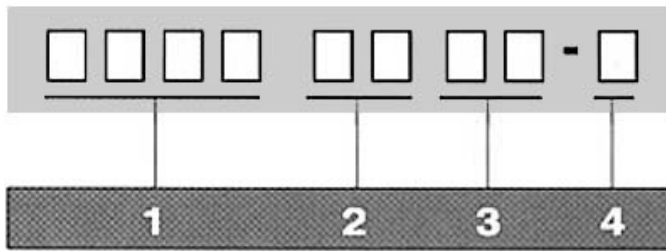


Dimensions in mm

Part No.	Dimensions (m/m)				Impedance (Ω)		DC Resistance
	A	B	C	D	25MHz	100MHz	(m Ω) Max
SWB-403025	4.00 \pm 0.15	3.10 \pm 0.10	2.54 \pm 0.10	1.35 \pm 0.20	23Min	47 \pm 20%	0.6

Série SAFH

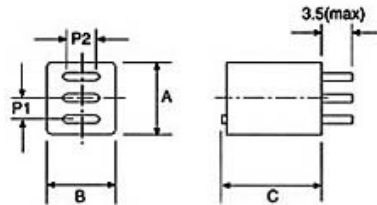
PRODUCT IDENTIFICATION



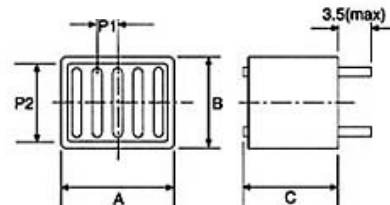
- 1) PRODUCT SYMBOL
- 2) A : DIM.
- 3) B : DIM.
- 4) D : DIP TYPE, S: SMD TYPE



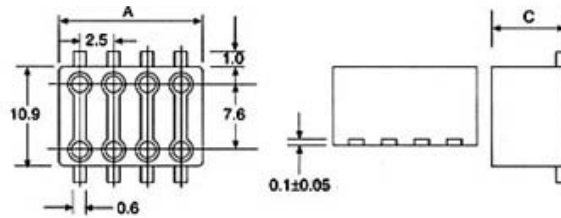
SAF6H TYPE



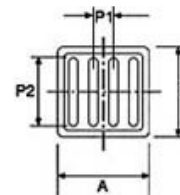
SAF10H TYPE



SAF8H SMD TYPE



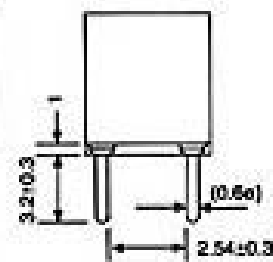
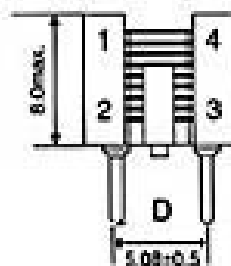
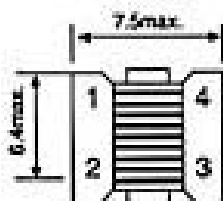
SAF8H TYPE



Part No.	A	B	C	P1	P2	Impedance (Ω)	
						25MHz	100MHz
SAF6H1008-D	10.88	8.34	10.54	2.54	7.62	180	245
SAF6H1008-S	10.88	8.34	11.40	2.54	7.62	180	245
SAF6H1010-D	10.88	10.88	10.54	2.54	7.62	200	300
SAF6H1010-S	10.88	10.88	11.40	2.54	7.62	200	300
SAF6H1310-D	13.42	10.88	10.54	2.54	7.62	200	300
SAF6H1310-S	13.42	10.88	11.40	2.54	7.62	200	

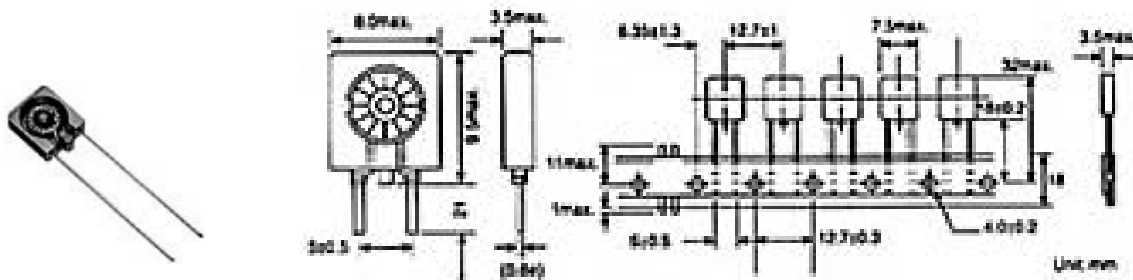
LINE FILTERS

Série SQT04



Part No.	Rated Voltage (V)	Rated Current (mA)	Inductance (1KHz, 70mA)	DC Resistance (m OHM) max.	Packing
SQT04-050	50	500	5	30	Bulk
SQT04-400	50	500	40 \pm 35%	40	Bulk
SQT04-600	50	500	60 \pm 35%	45	Bulk
SQT04-800	50	500	80 \pm 35%	50	Bulk

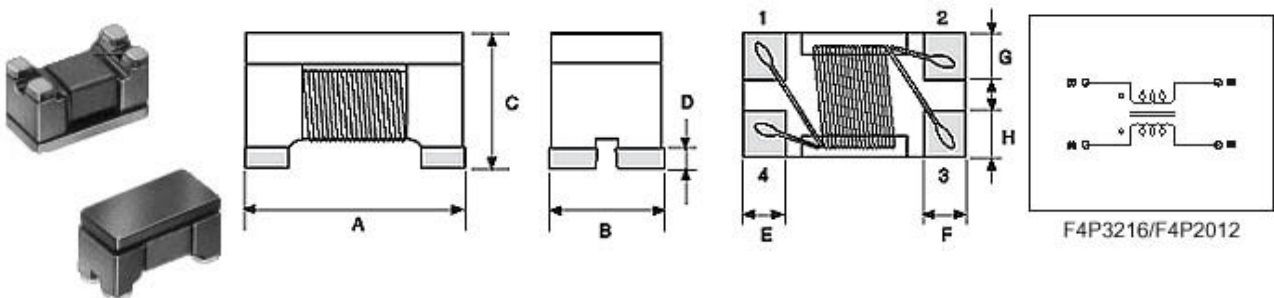
Série SQT02



Part No.	Rated Voltage (V)	Rated Current (mA)	Inductance (1KHz, 70mA)	DC Resistance (m OHM) max.	Impedance 100MHz (Ω /Min)
SQT02-2400	50	200	8 \pm 50%	25	420
SQT02-2500	50	500	10 \pm 35%	25	520

COMMON MODE INDUCTOR

Série SFP



Part No.	A \pm 0.2	B \pm 0.2	C \pm 0.2	D	E	F	G	H
SFP 3216	3.2	1.6	1.9	0.17	0.6	0.6	0.6	0.6
SFP 2012	2.0	1.2	1.2	0.17	0.45	0.45	0.4	0.4

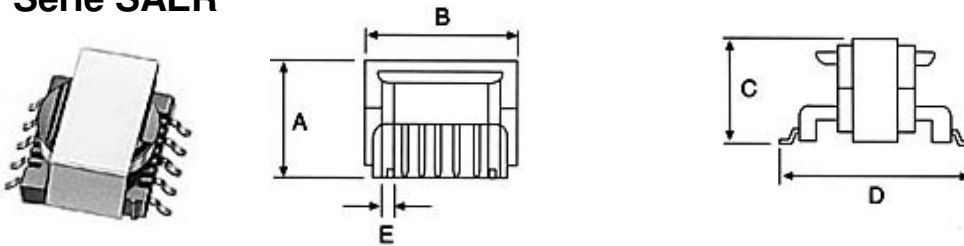
STANDARD SPECIFICATIONS

Part No.	Common Mode Impedance (at 100MHz, 20 degree C) (ohm)	Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (M ohm)	Withstand Voltage (Vdc)	DC Resistance (max.) (ohm)
SFP-3216-222	2200(typ.)	200	50	10 min	125	1.2
SFP-3216-102	1000(typ.)	230	50	10 min	125	1.0
SFP-3216-601	600(typ.)	260	50	10 min	125	0.8
SFP-3216-261	260(typ.)	310	50	10 min	125	0.5
SFP-3216-161	160(typ.)	340	50	10 min	125	0.4

Part No.	Common Mode Impedance (at 100MHz, 20 degree C) (ohm)	Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (M ohm)	Withstand Voltage (Vdc)	DC Resistance (max.) (ohm)
SFP-3216-900	90(typ.)	370	50	10 min	125	0.3
SFP-2012-371	370(typ.)	280	50	10 min	125	0.45
SFP-2012-261	260(typ.)	300	50	10 min	125	0.40
SFP-2012-181	180(typ.)	330	50	10 min	125	0.35
SFP-2012-121	120(typ.)	370	50	10 min	125	0.30
SFP-2012-900	90(typ.)	330	50	10 min	125	0.35
SFP-2012-670	67(typ.)	400	50	10 min	125	0.25

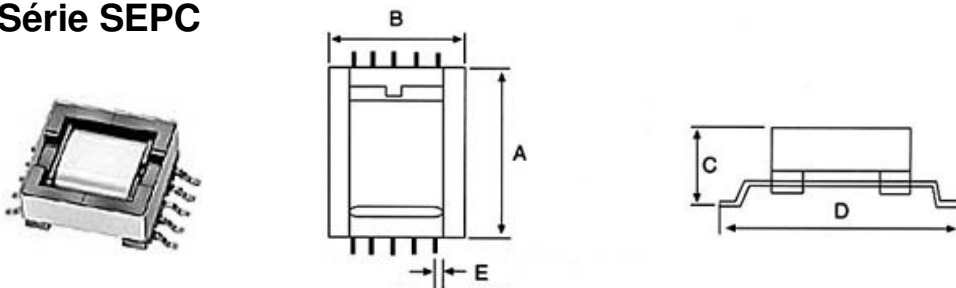
SMD TRANSFORMERS

Série SAER



Part No.	A	B	C	D	E
SAER-9.5	5.23	9.50	5.23	11.55	0.7
SAER-11.5	5.38	10.83	5.38	12.20	0.7
SAER-14.5	7.15	14.50	7.15	16.00	0.7

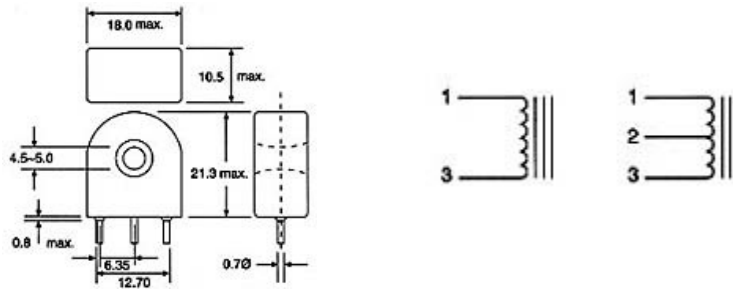
Série SEPC



Part No.	A	B	C	D	E
SEPC-13	13.2	13.3	6.9	19.5	0.7
SEPC-19	21.5	20.0	10.0	23.9	0.6
SEPC-25	25.5	26.1	10.0	38.7	0.8

CURRENT SENSE TRANSFORMER

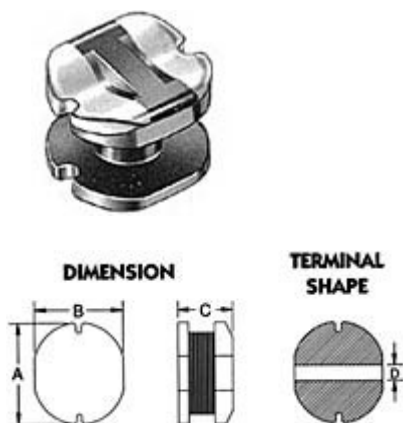
Série SCS



Part No.	Terminals	Turns	Inductance Voltage	15.75KHz (mH)min	DCR Max 1-3(Ω)	Terminating Resistance(Ω)	Pri. Amp-μs	
							Unipolar	Bipolar
SCS30101	1-3	50	0.5	5	0.7	50	150	300
SCS30102	1-3	100	1.0	20	1.4	100	300	600
SCS30103	1-3	200	2.0	80	4.5	200	600	1200
SCS30104	1-3	300	3.0	180	11	300	900	1800
SCS30105	1-2-3	25:25	0.5	5.0	0.7	50	150	300
SCS30106	1-2-3	50:50	1.0	20	1.4	100	300	600
SCS30107	1-2-3	100:100	2.0	80	4.5	200	600	1200
SCS30108	1-2-3	150:150	3.0	180	11	300	900	1800

SMD COIL FORM & VARIOUS COILS FOR CUSTOM'S DESIGN

Série SSNF

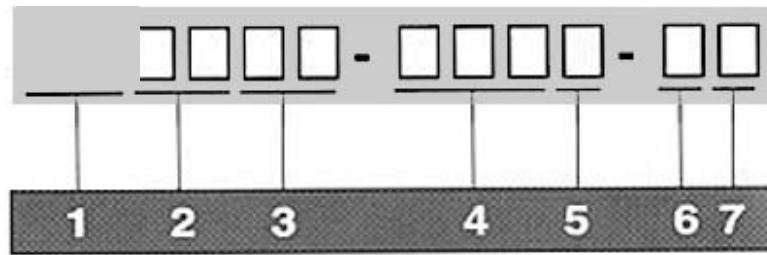


Dimension in m/m

Type	A	B	C	D Typ.
SSNF0403	4.5±0.3	4.0±0.3	3.2±0.3	1.2
SSNF0504	5.8±0.3	5.2±0.3	4.5±0.4	1.3
SSNF0703	7.8±0.3	7.0±0.3	3.5±0.5	2.1
SSNF0705	7.8±0.3	7.0±0.3	5.0±0.5	2.1
SSNF1004	10.0±0.3	9.0±0.3	4.0±0.5	2.1
SSNF1005	10.0±0.4	9.0±0.4	5.4±0.4	2.1
SSNF1006	11.0Max.	10.0Max.	7.5Max.	2.1

Série SASL

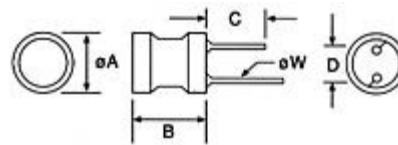
SASL PRODUCT IDENTIFICATION



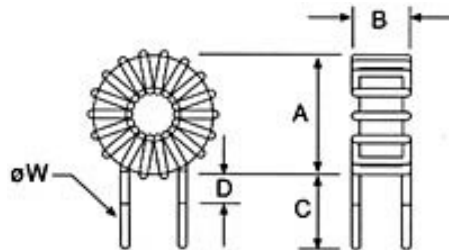
- 1) TYPE
- 2) OUTSIDE DIAMETER
- 3) BODY HEIGHT
- 4) INDUCTANCE
- 5) TOLERANCE J±5% , K±10% , M±20%
- 6) B: BASE
- 7) U : UL TUBE, P: PVC TUBE, V: CARNISH

Inductance Range
:1μ H-150mH

Test Freq.
:@ 1 KHz



Série SATC

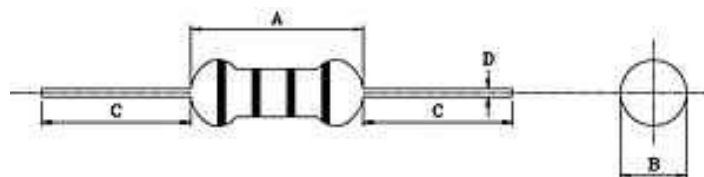


Inductance Range
Test Freq.

:10μ H-10mH
:@ 1 KHz

DIP POWER COILS - CHOKE

Série SEC



Part No.	Size (mm)			
	A	B	C	D
SEC22	5.0Max.	2.8Max.	29.5±3.0	0.5±0.05
SEC24	8.0Max.	3.0Max.	28.0±3.0	0.6±0.05
SEC36	10.0Max.	4.0Max.	26.0±3.0	0.7±0.05
SEC46	12.0Max.	5.0Max.	26.0±3.0	0.7±0.05

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