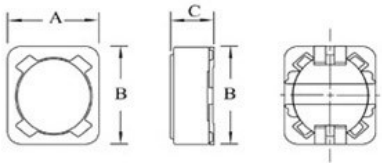
TSB62Type
TSB64Type
TSB73Type
TSB74Type
TSB124Type
TSB125Type
TSB127Type

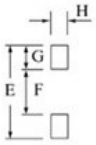
* Magnetically shielded.
* Surface mounting type.
* High mounting stability.
* Large rated current and high inductance.
* Use high performance ferrite core.
* Density design, small size, low cost.
* Low radiation.

Construction

Unit : (m/m)



Land patterns



Unit :(m/m)

Type	A(MAX.)	B(MAX.)	C(MAX.)	D	E	F	G	H	I
TSB62	6.2	6.2	3.0	7.4	4.6	1.4	1.9		
TSB64	6.2	6.2	5.0	7.4	4.6	1.4	1.9		
TSB73	7.3±0.2	7.3±0.2	3.3±0.2	8.0	4.8	1.6	2.2		
TSB74	7.3±0.2	7.3±0.2	4.5	8.0	4.8	1.6	2.2		
TSB124	12.0±0.5	12.0±0.5	4.5	12.8	7.6	2.9	5.0		
TSB125	12.0±0.5	12.0±0.5	6.0	12.8	7.0	2.9	5.4		
TSB127	12.0±0.5	12.0±0.5	8.0	12.8	7.0	2.9	5.4		

Electrical Specification

Unit:(m/m)

Part number	Lo (μH)	Inductance Tolerance %	DC Resistance Spec ( ) max.	Inductance Decrease Current (A) max.
TSB62-100	10	±20%	0.17	1.28
TSB62-120	12	±20%	0.18	1.19
TSB62-150	15	±20%	0.28	0.97
TSB62-180	18	±20%	0.30	0.94
TSB62-220	22	±20%	0.38	0.71
TSB62-270	27	±20%	0.43	0.64
TSB62-330	33	±20%	0.48	0.59
TSB62-390	39	±20%	0.69	0.54
TSB62-470	47	±20%	0.71	0.52
TSB62-560	56	±20%	0.85	0.49
TSB62-680	68	±20%	1.21	0.41
TSB62-820	82	±20%	1.42	0.39
TSB62-101	100	±20%	1.50	0.30
TSB62-121	120	±20%	2.10	

1. The operating temperature range is -25 ℃ to +85 ℃
2. IDC : The current of inductance drop 10%
3. Test freq. 1KHz

Electrical Specification

Unit:(m/m)

Parts No.	Lo (μH)	Inductance Tolerance %	DC Resistance Spec ( ) max.	Inductance Decrease Current (A) max.
TSB64-100	10	±20%	0.12	1.35
TSB64-120	12	±20%	0.13	1.22
TSB64-150	15	±20%	0.18	1.11
TSB64-180	18	±20%	0.24	1.02
TSB64-220	22	±20%	0.27	0.91
TSB64-270	27	±20%	0.30	0.82
TSB64-330	33	±20%	0.33	0.74
TSB64-390	39	±20%	0.37	0.69
TSB64-470	47	±20%	0.52	0.62
TSB64-560	56	±20%	0.56	0.58
TSB64-680	68	±20%	0.63	0.51
TSB64-820	82	±20%	0.71	0.46
TSB64-101	100	±20%	1.03	0.42
TSB64-121	120	±20%	1.15	0.38
TSB64-151	150	±20%	1.68	0.35
TSB64-181	180	±20%	1.87	0.32
TSB64-221	220	±20%	2.08	0.29
TSB64-271	270	±20%	2.37	0.26
TSB64-331	330	±20%	2.67	0.23
TSB64-391	390	±20%	2.94	0.22
TSB64-471	470	±20%	3.93	0.20
TSB64-561	560	±20%	5.43	0.18
TSB64-681	680	±20%	7.32	0.17
TSB64-821	820	±20%	8.24	0.15
TSB64-102	1000	±20%	9.26	0.14

1. The operating temperature range is -25 ℃ to +85 ℃
2. IDC : The current of inductance drop 10%
3. Test freq. 1KHz

Electrical Specification

Unit:(m/m)

Parts No.	Lo (μH)	Inductance Tolerance %	DC Resistance Spec ( ) max.	Inductance Decrease Current (A) max.
TSB73-100	10	±20%	0.08	1.68
TSB73-120	12	±20%	0.10	1.52
TSB73-150	15	±20%	0.13	1.33
TSB73-180	18	±20%	0.14	1.20
TSB73-220	22	±20%	0.19	1.07
TSB73-270	27	±20%	0.21	0.96
TSB73-330	33	±20%	0.24	0.91
TSB73-390	39	±20%	0.32	0.77
TSB73-470	47	±20%	0.36	0.76
TSB73-560	56	±20%	0.47	0.68
TSB73-680	68	±20%	0.52	0.61
TSB73-820	82	±20%	0.69	0.57
TSB73-101	100	±20%	0.79	0.50
TSB73-121	120	±20%	0.89	0.49
TSB73-151	150	±20%	1.27	0.43
TSB73-181	180	±20%	1.45	0.39
TSB73-221	220	±20%	1.65	0.35
TSB73-271	270	±20%	2.31	0.32
TSB73-331	330	±20%	2.62	0.28
TSB73-391	390	±20%	2.94	0.26
TSB73-471	470	±20%	4.18	0.24
TSB73-561	560	±20%	4.67	0.22
TSB73-681	680	±20%	5.73	0.19
TSB73-821	820	±20%	6.54	0.18
TSB73-102	1000	±20%	9.44	0.16

1. The operating temperature range is -25 ℃ to +85 ℃
2. IDC: The current of inductance drop 10%
3. Test freq. 1KHz

Electrical Specification

Unit:(m/m)

Parts No.	Lo (μH)	Test Freq. (KHz)	Inductance Tolerance %	DC Resistance Spec ( ) max.	Inductance Decrease Current (A) max.
TSB74-100	10	1	±20%	0.05	1.84
TSB74-120	12	1	±20%	0.06	1.71
TSB74-150	15	1	±20%	0.08	1.47
TSB74-180	18	1	±20%	0.09	1.31
TSB74-220	22	1	±20%	0.11	1.23
TSB74-270	27	1	±20%	0.15	1.12
TSB74-330	33	1	±20%	0.17	0.96
TSB74-390	39	1	±20%	0.23	0.91
TSB74-470	47	1	±20%	0.26	0.88
TSB74-560	56	1	±20%	0.35	0.75
TSB74-680	68	1	±20%	0.38	0.69
TSB74-820	82	1	±20%	0.43	0.61
TSB74-101	100	1	±20%	0.61	0.60
TSB74-121	120	1	±20%	0.66	0.52
TSB74-151	150	1	±20%	0.88	0.46
TSB74-181	180	1	±20%	0.98	0.42
TSB74-221	220	1	±20%	1.17	0.36
TSB74-271	270	1	±20%	1.64	0.34
TSB74-331	330	1	±20%	1.86	0.32
TSB74-391	390	1	±20%	2.85	0.29
TSB74-471	470	1	±20%	3.01	0.26
TSB74-561	560	1	±20%	3.62	0.23
TSB74-681	680	1	±20%	4.63	0.22
TSB74-821	820	1	±20%	5.20	0.20
TSB74-102	1000	1	±20%	6.00	0.18

1. The operating temperature range is -25 ℃ to +85 ℃
2. IDC: The current of inductance drop 10%

Electrical Specification

Unit:(m/m)

Parts No.	Lo (μH)	Test Freq. (KHz)	Inductance Tolerance %	DC Resistance Spec ( ) max.	Inductance Decrease Current (A) max.
TSB124-100	10	1	±20%	0.032	3.60
TSB124-120	12	1	±20%	0.040	3.10
TSB124-150	15	1	±20%	0.048	2.90
TSB124-180	18	1	±20%	0.060	2.70
TSB124-220	22	1	±20%	0.066	2.50
TSB124-270	27	1	±20%	0.072	2.00
TSB124-330	33	1	±20%	0.095	1.90
TSB124-390	39	1	±20%	0.120	1.80
TSB124-470	47	1	±20%	0.135	1.60
TSB124-560	56	1	±20%	0.150	1.50
TSB124-680	68	1	±20%	0.190	1.35
TSB124-820	82	1	±20%	0.230	1.25
TSB124-101	100	1	±20%	0.280	1.10
TSB124-121	120	1	±20%	0.320	1.00
TSB124-151	150	1	±20%	0.400	0.90
TSB124-181	180	1	±20%	0.500	0.80
TSB124-221	220	1	±20%	0.550	0.70
TSB124-271	270	1	±20%	0.750	0.65
TSB124-331	330	1	±20%	0.850	0.60
TSB124-391	390	1	±20%	1.00	0.55
TSB124-471	470	1	±20%	1.20	0.50
TSB124-561	560	1	±20%	1.40	0.45
TSB124-681	680	1	±20%	1.80	0.43
TSB124-821	820	1	±20%	2.00	0.38
TSB124-102	1000	1	±20%	2.60	0.36

1. The operating temperature range is -25 ℃ to +85 ℃
2. IDC: The current of inductance drop 10%

Electrical Specification

Unit:(m/m)

Parts No.	Lo (μH)	Test Freq. (KHz)	Inductance Tolerance %	DC Resistance Spec ( ) max.	Inductance Decrease Current (A) max.
TSB125-100	10	1	±20%	0.025	4.00
TSB125-120	12	1	±20%	0.027	3.50
TSB125-150	15	1	±20%	0.030	3.30
TSB125-180	18	1	±20%	0.034	3.00
TSB125-220	22	1	±20%	0.036	2.80
TSB125-270	27	1	±20%	0.051	2.30
TSB125-330	33	1	±20%	0.057	2.10
TSB125-390	39	1	±20%	0.068	2.00
TSB125-470	47	1	±20%	0.075	1.80
TSB125-560	56	1	±20%	0.11	1.70
TSB125-680	68	1	±20%	0.12	1.50
TSB125-820	82	1	±20%	0.14	1.40
TSB125-101	100	1	±20%	0.16	1.30
TSB125-121	120	1	±20%	0.17	1.10
TSB125-151	150	1	±20%	0.23	1.00
TSB125-181	180	1	±20%	0.29	0.90
TSB125-221	220	1	±20%	0.40	0.80
TSB125-271	270	1	±20%	0.46	0.75
TSB125-331	330	1	±20%	0.51	0.68
TSB125-391	390	1	±20%	0.69	0.65
TSB125-471	470	1	±20%	0.77	0.58
TSB125-561	560	1	±20%	0.86	0.54
TSB125-681	680	1	±20%	1.20	0.48
TSB125-821	820	1	±20%	1.34	0.43
TSB125-102	1000	1	±20%	1.53	0.40

1. The operating temperature range is -25 ℃ to +85 ℃
2. IDC: The current of inductance drop 10%

Electrical Specification

Unit:(m/m)

Parts No.	Lo (μH)	Test Freq. (KHz)	Inductance Tolerance %	DC Resistance Spec ( ) max.	Inductance Decrease Current (A) max.
TSB127-1R2	1.2	100	+40%/-20%	0.0070	9.80
TSB127-2R4	2.4	100	+40%/-20%	0.0115	8.00
TSB127-3R5	3.5	100	+40%/-20%	0.0135	7.50
TSB127-4R7	4.7	100	+40%/-20%	0.0158	6.80
TSB127-6R1	6.1	100	+40%/-20%	0.0176	6.60
TSB127-7R6	7.6	100	+40%/-20%	0.0200	5.90
TSB127-100	10	1	±20%	0.0216	5.40
TSB127-120	12	1	±20%	0.0243	4.90
TSB127-150	15	1	±20%	0.0270	4.50
TSB127-180	18	1	±20%	0.0392	3.90
TSB127-220	22	1	±20%	0.0432	3.60
TSB127-270	27	1	±20%	0.0459	3.40
TSB127-330	33	1	±20%	0.0648	3.00
TSB127-390	39	1	±20%	0.0729	2.75
TSB127-470	47	1	±20%	0.1000	2.50

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