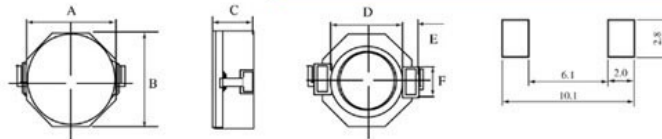


TSB8D28Type
TSB8D43Type

- * 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)

Type	A(MAX)	B(MAX)	C(MAX)	D	E	F	G	H	I
TSB8D28	8.3MAX.	8.3MAX.	3.0MAX.	6.3	1.2	2.5			
TSB8D43	8.3MAX.	8.3MAX.	4.5MAX.	6.3	1.2	2.5			

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Electrical Specification

Unit:(m/m)

Part number	Lo (μ H)	Inductance Tolerance	Test Frequencies (KHz)	DC Resistance Spec ($m\Omega$) max.	I.D.C. (A) max.
TSB8D28-2R5	2.5	$\pm 30\%$	100	15.6	5.40
TSB8D28-3R3	3.3	$\pm 30\%$	100	18.2	4.80
TSB8D28-4R7	4.7	$\pm 30\%$	100	24.7	4.00
TSB8D28-7R3	7.3	$\pm 30\%$	100	39.0	3.20
TSB8D28-100	10	$\pm 30\%$	100	47.0	2.70
TSB8D28-150	15	$\pm 30\%$	100	69.0	2.20
TSB8D28-220	22	$\pm 30\%$	100	99.0	1.80
TSB8D28-330	33	$\pm 30\%$	100	156.0	1.40
TSB8D28-470	47	$\pm 30\%$	100	195.0	1.25
TSB8D28-680	68	$\pm 30\%$	100	286.0	0.96
TSB8D28-101	100	$\pm 30\%$	100	430.0	0.78

1. Tolerance of inductance : 2.5 ~ 1000 μ H
2. D.C.R. : 15.6 $m\Omega$ -430 $m\Omega$
3. Rated Current : 780mA - 5400mA

Electrical Specification

Unit:(m/m)

Part number	Lo (μ H)	Inductance Tolerance	Test Frequencies (KHz)	DC Resistance Spec (m Ω) max.	I.D.C. (A) max.
TSB8D43-2R0	2.0	\pm 30%	100	14	6.4
TSB8D43-3R9	3.9	\pm 30%	100	19	5.0
TSB8D43-4R7	4.7	\pm 30%	100	22	4.6
TSB8D43-6R8	6.8	\pm 30%	100	25	4.2
TSB8D43-100	10	\pm 30%	100	36	3.6
TSB8D43-150	15	\pm 30%	100	53	2.6
TSB8D43-220	22	\pm 30%	100	75	2.1
TSB8D43-330	33	\pm 30%	100	125	1.6
TSB8D43-470	47	\pm 30%	100	150	1.4
TSB8D43-680	68	\pm 30%	100	240	1.2
TSB8D43-101	100	\pm 30%	100	360	0.9

1. Tolerance of inductance : 2.0 ~ 100 μ H2. D.C.R. : 14 m Ω - 360 m Ω

3. Rated Current : 0.9A - 6.4A