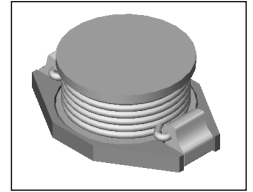


SMT Power Inductor

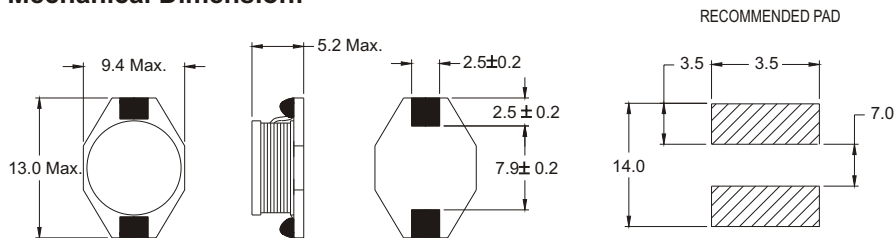
SISH85 Type

Features

- Low profile (5.2mm max. height) SMD type.
- Unshielded.
- Self-leads, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor applications.
- In addition to the standard versions shown here, custom inductors are available to meet your exact requirements.

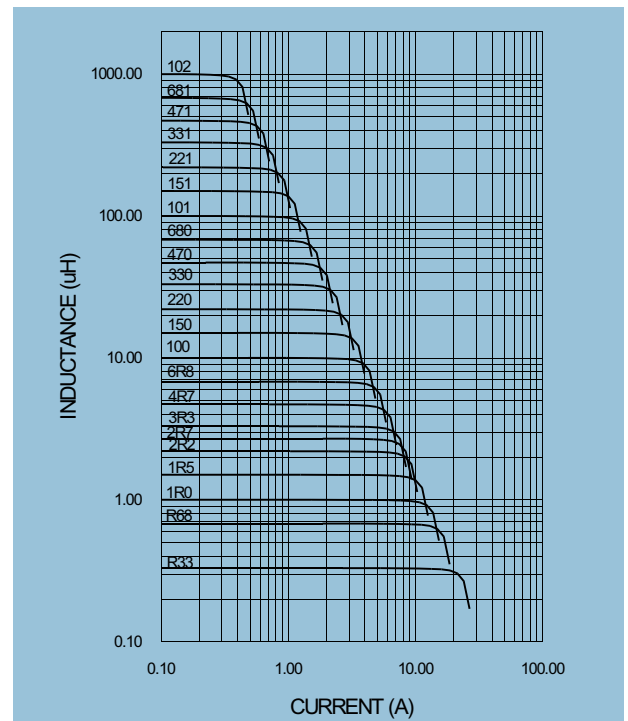


Mechanical Dimension:



Electrical Characteristics:

PART NO.	L * (uH)	DCR (m) MAX	Is ** (Adc)	Ir *** (Adc)
SISH85 - R33	0.33	2.0	20	16
SISH85 - R68	0.68	5.0	13	12
SISH85 - 1R0	1.00	6.0	11	10
SISH85 - 1R5	1.50	8.0	9.0	9.0
SISH85 - 2R2	2.20	11.0	7.8	7.4
SISH85 - 2R7	2.70	12.0	7.0	6.6
SISH85 - 3R3	3.30	14.0	6.4	5.9
SISH85 - 4R7	4.70	18.0	5.4	4.8
SISH85 - 6R8	6.80	27.0	4.6	4.4
SISH85 - 100	10	38.0	3.8	3.9
SISH85 - 150	15	46.0	3.0	3.1
SISH85 - 220	22	85.0	2.6	2.7
SISH85 - 330	33	100	2.0	2.1
SISH85 - 470	47	140	1.6	1.8
SISH85 - 680	68	200	1.4	1.5
SISH85 - 101	100	280	1.2	1.3
SISH85 - 151	150	400	1.0	1.0
SISH85 - 221	220	610	0.8	0.8
SISH85 - 331	330	1020	0.6	0.6
SISH85 - 471	470	1270	0.5	0.5
SISH85 - 681	680	2020	0.4	0.4
SISH85 - 102	1000	3000	0.3	0.3



★ Tolerance of inductance : 0.33~1000uH±20%

★★ $\Delta L < 10\%$, at I_s .

★★★ $\Delta T < 45^\circ\text{C}$, at I_r .

★★★★ Operating temperature: -20°C to 105°C (including self-temperature rise)

★★★★★ Test condition at 25°C : 100KHz, 0.1V



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