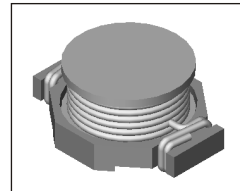


SMT Power Inductor

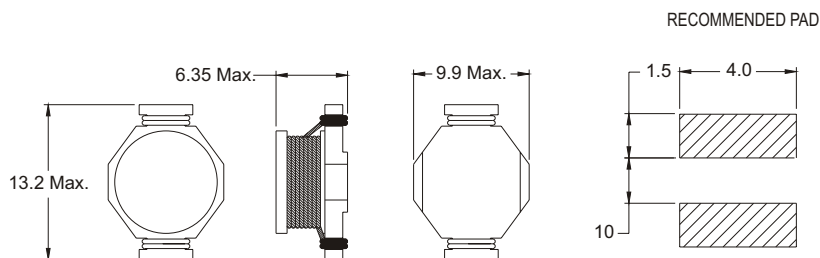
SIB86 Type

Features

- Low profile (6.35mm 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.

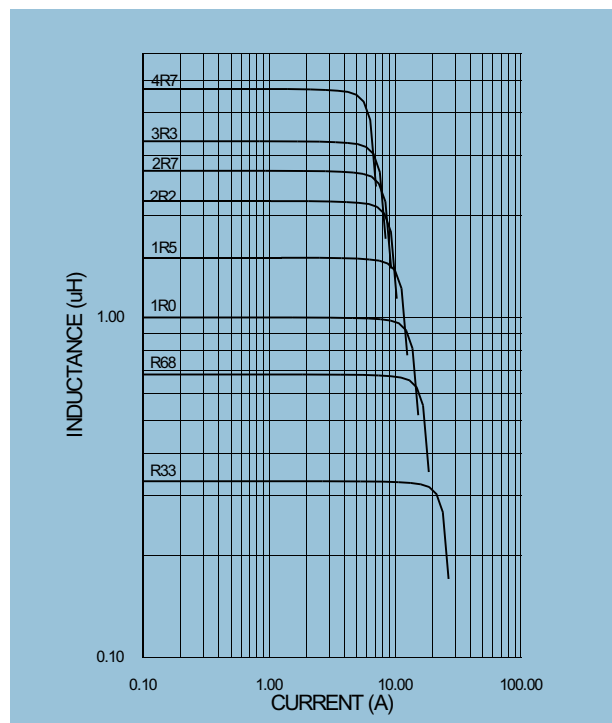


Mechanical Dimension:



Electrical Characteristics:

PART NO.	L ★ (uH)	DCR (m) MAX	Is ★★ (Adc)	Ir ★★★ (Adc)
SIB86 - R33	0.33	2.0	20	16
SIB86 - R68	0.68	5.0	13	12
SIB86 - 1R0	1.00	6.0	11	10
SIB86 - 1R5	1.50	8.0	9.0	9.0
SIB86 - 2R2	2.20	11.0	7.8	7.4
SIB86 - 2R7	2.70	12.0	7.0	6.6
SIB86 - 3R3	3.30	14.0	6.4	5.9
SIB86 - 4R7	4.70	18.0	5.4	4.8



★ Tolerance of inductance: 0.33~4.7uH±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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