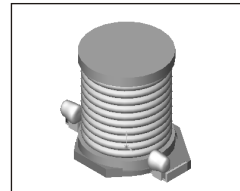


SMT Power Inductor

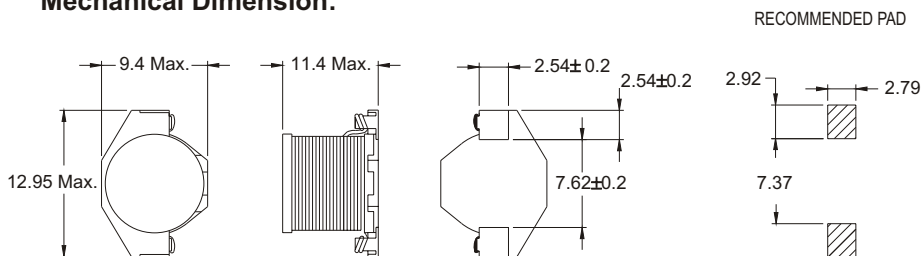
SIS811 Type

Features

- High current (3.5A, 10uH) 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.

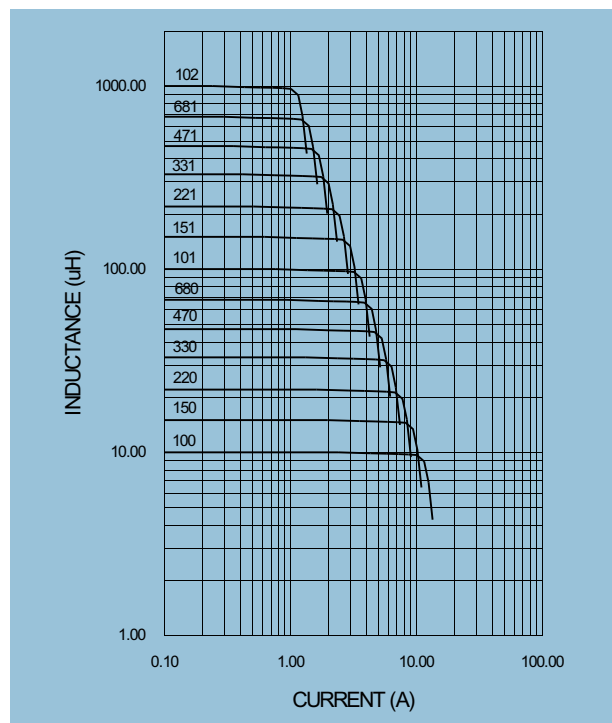


Mechanical Dimension:



Electrical Characteristics:

PART NO.	L * (uH)	DCR () MAX	Is ** (Adc)	Ir *** (Adc)
SIS811-100	10	0.040	8.0	3.5
SIS811-150	15	0.050	7.0	3.0
SIS811-220	22	0.066	5.5	2.5
SIS811-330	33	0.080	4.0	2.0
SIS811-470	47	0.110	3.8	1.6
SIS811-680	68	0.170	3.0	1.2
SIS811-101	100	0.220	2.5	1.2
SIS811-151	150	0.340	2.0	0.9
SIS811-221	220	0.440	1.6	0.7
SIS811-331	330	0.700	1.2	0.6
SIS811-471	470	0.950	1.0	0.3
SIS811-681	680	1.200	1.0	0.2
SIS811-102	1000	2.000	0.8	0.1



★ Tolerance of inductance

10~1000uH±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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