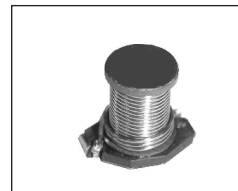


SMT Power Inductor

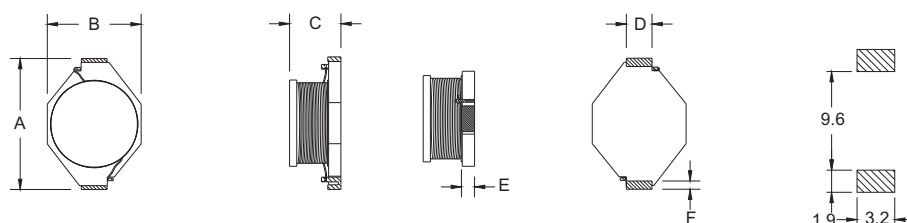
SISN811 Type

Features

- RoHS compliant.
- Low profile (5.5mm max. height) SMD type.
- Magnetically shielded, 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 application.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.



Mechanical Dimension:



RECOMMENDED PAD PATTERNS

UNIT : mm / inch
 A = 13.1 / 0.516 Max.
 B = 9.254 ± 0.254 / 0.364 ± 0.01
 C = 11.0 / 0.433 Max.
 D = 2.5 ± 0.254 / 0.098 ± 0.010
 E = 1.2 ± 0.300 / 0.047 ± 0.012
 F = 0.80 / 0.031

Electrical Characteristics: 25°C: 100KHz, 0.1V

PART NO.	L^1 (μ H)	DCR (Ω)MAX	I_{sat}^2 (A 2)
SISN811 - 1R0	1.0	0.0040	22.0
SISN811 - 1R5	1.5	0.0050	22.0
SISN811 - 2R2	2.2	0.0058	18.0
SISN811 - 3R6	3.6	0.0100	14.0
SISN811 - 4R7	4.7	0.0090	6.0
SISN811 - 5R0	5.0	0.0100	15.0
SISN811 - 7R5	7.5	0.0135	6.0
SISN811 - 100	10.0	0.0400	8.0
SISN811 - 150	15.0	0.0500	7.0
SISN811 - 220	22.0	0.0660	5.5
SISN811 - 330	33.0	0.0800	4.0
SISN811 - 420	42.0	0.1000	3.0
SISN811 - 470	47.0	0.1100	3.8
SISN811 - 680	68.0	0.1700	3.0
SISN811 - 101	100.0	0.2200	2.5
SISN811 - 151	150.0	0.3400	2.0
SISN811 - 221	220.0	0.4400	1.6
SISN811 - 331	330.0	0.7000	1.2
SISN811 - 471	470.0	0.9500	1.0
SISN811 - 681	680.0	1.2000	1.0
SISN811 - 102	1000.0	2.0000	0.8

1. Tolerance of inductance : $\pm 20\%$.
2. I_{sat} is the DC current which cause the inductance drop less than 10% of its nominal inductance without current.
3. Operating temperature: -20°C to 105°C (including self-temperature rise).



DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) 252, SAN YING ROAD, KUEISAN INDUSTRIAL ZONE, TAOYUAN SHIEN, 333, TAIWAN, R.O.C.

TEL: 886-3-3591968; FAX: 886-3-3591991

<http://www.deltawww.com>

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>