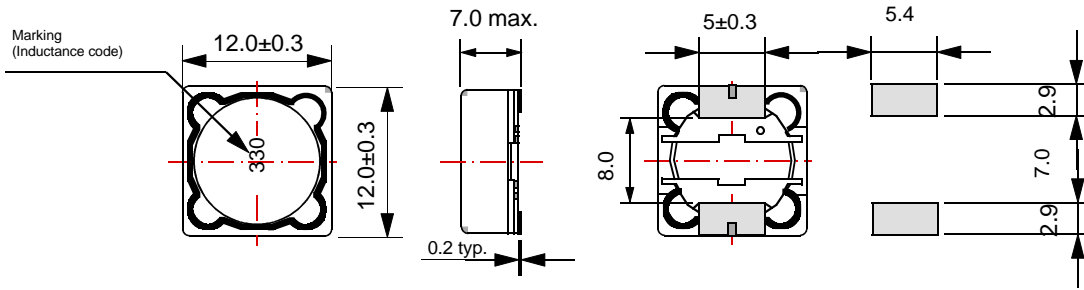


Inductors

For Power Line
SMD

SDS Series SDS126 Type

SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERN



Dimensions in mm

ELECTRICAL CHARACTERISTICS

Inductance (μH)	Inductance tolerance (%)	Test frequency L(kHz)	DC resistance ($\text{m}\Omega$) $\pm 20\%$	Rated current (A)* typ.		Part No.
				Based on inductance change	Based on temperature rise	
10	± 20	1	24.6	5.0	4.37	SDS126-100M
12	± 20	1	35.1	4.5	3.57	SDS126-120M
15	± 20	1	40.3	4.2	3.33	SDS126-150M
18	± 20	1	42.4	3.7	3.1	SDS126-180M
22	± 20	1	58.8	3.5	2.7	SDS126-220M
27	± 20	1	67.1	3.0	2.5	SDS126-270M
33	± 20	1	75.9	2.8	2.28	SDS126-330M
39	± 20	1	88.0	2.5	2.16	SDS126-390M
47	± 20	1	116	2.3	1.88	SDS126-470M
56	± 20	1	125	2.1	1.8	SDS126-560M
68	± 20	1	161	2.0	1.49	SDS126-680M
82	± 20	1	190	1.8	1.33	SDS126-820M
100	± 20	1	246	1.6	1.27	SDS126-101M
120	± 20	1	267	1.3	1.2	SDS126-121M
150	± 20	1	324	1.2	1.13	SDS126-151M
180	± 20	1	356	1.1	1.05	SDS126-181M
220	± 20	1	499	1.0	0.87	SDS126-221M

*Rated current: Value obtained when current flows and the temperature has risen to 40°C or when DC current flows and the nominal value of inductance has fallen by 10%, whichever is smaller.

All specifications are subject to change without notice.