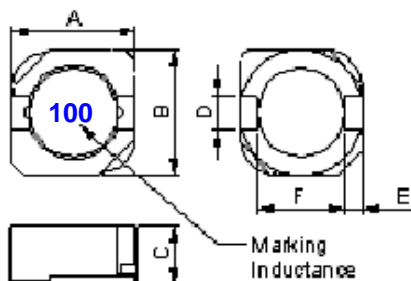


1. Features

- 1.Low profile very effective in space-conscious applications.
- 2.Low resistance and high energy storage.
- 3.100% Lead(Pb) & Halogen-Free and RoHS compliant.



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
SDSL10D40F	10.2±0.3	10.0±0.3	4.0 max.	3.0±0.1	1.2±0.15	7.7±0.3

Units: mm

3. Part Numbering



A: Series

B: Dimension

C: Lead free type

D: Inductance

E: Inductance Tolerance

100=10uH

M=±20%, N=±25% , Y=±30%

4. Specification

Part Number	Inductance (uH)	Test Frequency (Hz)	DCR (Ω) max.	I sat (A) max.	I rms (A) typ.
SDSL10D40F-1R5Y	1.5±30%	0.1V/100K	0.0081	10.0	6.50
SDSL10D40F-2R5Y	2.5±30%	0.1V/100K	0.0105	7.50	6.10
SDSL10D40F-3R8Y	3.8±30%	0.1V/100K	0.013	6.00	5.50
SDSL10D40F-5R2Y	5.2±30%	0.1V/100K	0.022	5.50	5.40
SDSL10D40F-6R8Y	6.8±30%	0.1V/100K	0.027	4.80	4.50
SDSL10D40F-7R0Y	7.0±30%	0.1V/100K	0.027	4.80	4.50
SDSL10D40F-100M	10±20%	0.1V/100K	0.035	4.40	3.80
SDSL10D40F-150M	15±20%	0.1V/100K	0.050	3.60	3.10
SDSL10D40F-220M	22±20%	0.1V/100K	0.073	2.90	2.50
SDSL10D40F-330M	33±20%	0.1V/100K	0.093	2.30	2.20
SDSL10D40F-470M	47±20%	0.1V/100K	0.155	2.10	1.90
SDSL10D40F-680M	68±20%	0.1V/100K	0.213	1.50	1.42
SDSL10D40F-101M	100±20%	0.1V/100K	0.304	1.35	1.25
SDSL10D40F-151M	150±20%	0.1V/100K	0.506	1.15	0.82
SDSL10D40F-221M	220±20%	0.1V/100K	0.756	0.92	0.70
SDSL10D40F-331M	330±20%	0.1V/100K	1.090	0.70	0.52