

SMD Type Power Inductor

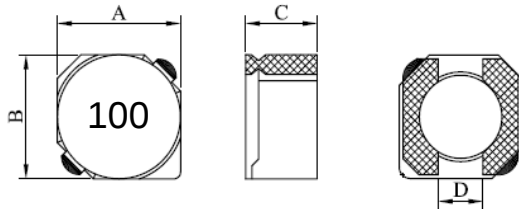
SSL3D16F-SERIES

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.



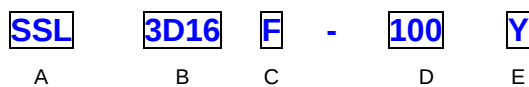
2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)
SSL3D16F	4.1 max.	4.1 max.	1.9 max.	1.2 ref.

Units: mm

3. Part Numbering



- A: Series
B: Dimension
C: Lead free type
D: Inductance 100=10.0uH
E: Inductance Tolerance Y=±30%

4. Specification

Customer Part Number	TAI-TECH Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (Ω) max.	IDC (A) max.
	SSL 3D16F-1R5Y	1.5	± 30%	0.1V/100K	0.052	1.55
	SSL 3D16F-2R2Y	2.2	± 30%	0.1V/100K	0.072	1.20
	SSL 3D16F-3R3Y	3.3	± 30%	0.1V/100K	0.085	1.10
	SSL 3D16F-4R7Y	4.7	± 30%	0.1V/100K	0.105	0.90
	SSL 3D16F-6R8Y	6.8	± 30%	0.1V/100K	0.170	0.73
	SSL 3D16F-100Y	10	± 30%	0.1V/100K	0.210	0.55
	SSL 3D16F-150Y	15	± 30%	0.1V/100K	0.295	0.45
	SSL 3D16F-220Y	22	± 30%	0.1V/100K	0.430	0.40
	SSL 3D16F-330Y	33	± 30%	0.1V/100K	0.675	0.32