

INDUCTORS

FOR POWER LINE SMD

SPI-18076SDN-SERIES

FEATURES

1. High current capacity and Low DCR
2. High heat resistance, ideal for reflow soldering
3. Magnetic shielded type

APPLICATIONS

1. Portable communication equipment, notebook computer
2. Set top box and Notebook and Server,etc

ELECTRICAL CHARACTERISTICS

Part Number	L \pm 20% (uH)	DCR(Ω) MAX	Rated D.C. Current(A)
SPI-18076SDN-100	10	0.040	3.90
150	15	0.048	3.40
220	22	0.059	3.10
330	33	0.075	2.80
470	47	0.097	2.40
680	68	0.138	2.00
101	100	0.207	1.70
151	250	0.293	1.30
221	220	0.470	1.10
331	330	0.780	0.86
471	470	1.080	0.73
681	680	1.400	0.64
102	1000	2.010	0.53

Note1. Measurement frequency of Inductance value : at 100KHz, 0.1V

Note2. Measurement ambient temperature of L, DCR and IDC : at 25°C

Note3. IDC : This Indicates the value of current when the Inductances is 10% lower than its initial value at D.C. superimposition or D.C. current when at $\Delta t=40^\circ\text{C}$, which is lower.(Ta=20°C)

DIMENSIONS(Unit:mm)

