

# INDUCTORS

## FOR POWER LINE SMD

## SPI-1880SDM SERIES

### FEATURES

- .Magnetically Shielded
- .High Efficiency and cost-effective
- .10% to 60% lower DCR
- .Flat top for reliable surface mounting
- .Custom version available



### APPLICATIONS

- .Backlighting devices / DC-DC converter / Power applications

### ELECTRICAL CHARACTERISTICS

Part Number	L $\pm 20\%$ ( $\mu$ H)	DCR ( $\Omega$ )MAX	Rated Current(A)
SPI-1880SDM-100	10	0.022	10.5
150	15	0.025	9.0
180	18	0.029	9.0
330	33	0.050	7.0
470	47	0.070	6.0

1. Inductance tested at 100KHz 0.1v
2. Operating temperature range  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
3. Electrical specifications at  $25^{\circ}\text{C}$
4. Rated Current: DC current at which the inductance drops 20%

### DIMENSIONS(Unit:mm)

