

# INDUCTORS

## FOR POWER LINE SMD

## SPI-1280SDM 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	$L \pm 20\%$ ( $\mu\text{H}$ )	DCR ( $\text{m}\Omega$ )MAX	Rated Current(A)
SPI-1280SDM-100	10	23	10.1
150	15	28	9.2
220	22	38	7.0
330	33	57	6.2
470	47	74	5.1
680	68	106	4.2
101	100	144	3.1
221	220	276	2.1
271	270	350	1.8
471	470	560	1.3
102	1000	1210	1.0

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)

