

INDUCTORS

FOR POWER LINE SMD

SPI-1854SDM 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	$L \pm 20\%$ (μH)	DCR (Ω)MAX	Rated Current(A)
SPI-1854SDM-100	10	0.026	8.0
330	33	0.050	4.7
420	42	0.077	4.6

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

DIMENSIONS(Unit:mm)

