

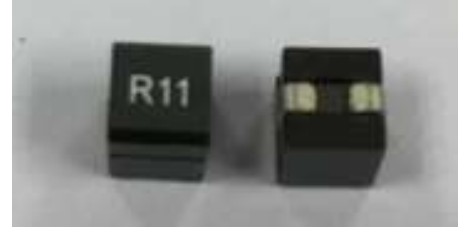
# SUNLEI TECHNOLOGY CORP.

## SMD Power Inductor- SUI0506 Series

SUI series Inductor For High Current Use

### Features

1. Shielded construction.
2. High current rating up to DC 50Amp
3. High frequency range up to 1.0MHz
4. Ultra low buzz noise, due to composite construction.



### Applications

Excellent for power line DC-DC conversion applications used in power switching, personal computers and other handheld electronic equipment.

### Product Identification

**SUI0506- 80N K**

SUI: SERIES NAME

0506: CORE SIZE CODE

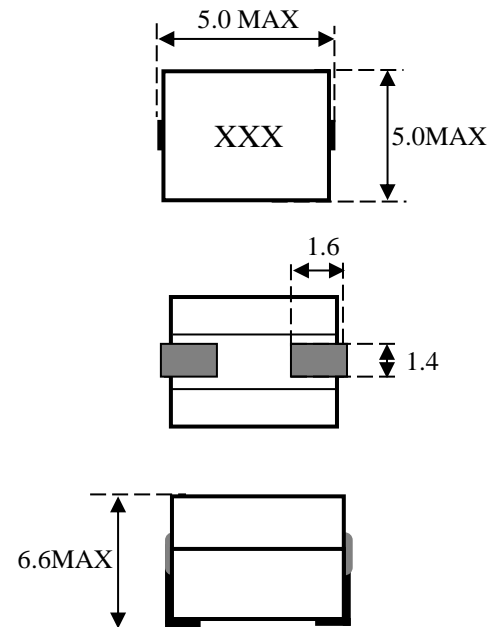
80N: INDUCTANCE CODE.

K: TOLERANCE, K=10% L=15%.M=20%

### Electrical Characteristics

Part Number	Inductance (nH)@100KHz/1V	DCR(mΩ)	I rms (A) typ.	I sat (A) typ.
SUI0506-50NL	50±15%	0.27±7%	53.0	70.0
SUI0506-80NL	80±15%	0.27±7%	53.0	48.0
SUI0506-R11M	110±20%	0.27±7%	53.0	31.0

### Dimensions (mm)



### Recommender PCB Layout

