

# SUNLEI TECHNOLOGY CORP.

## SMD Power Inductor- SUI0705 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

SUI0705– 80N K

SUI: SERIES NAME

0705: CORE SIZE CODE

80N: INDUCTANCE CODE.

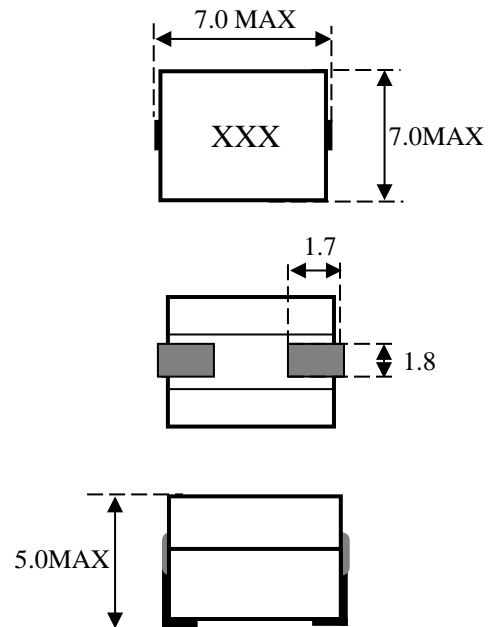
K: TOLERANCE, K=10% L=15%.M=20%

### Electrical Characteristics

Part Number	Inductance (nH)@100KHz/1V	DCR(mΩ)	I rms (A) typ.	I sat (A) typ.
SUI0705-80NL	80±15%	0.32±8%	35.0	55.0
SUI0705-R11L	110±15%	0.32±8%	35.0	45.0
SUI0705-R15L	150±15%	0.32±8%	35.0	30.0



### Dimensions (mm)



### Recommender PCB Layout

