

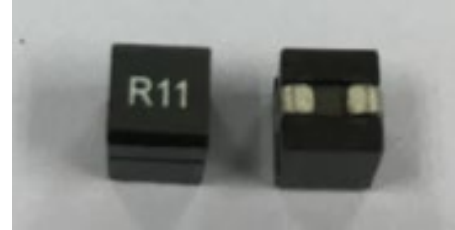


SMD Power Inductor- SUI0506 Series

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

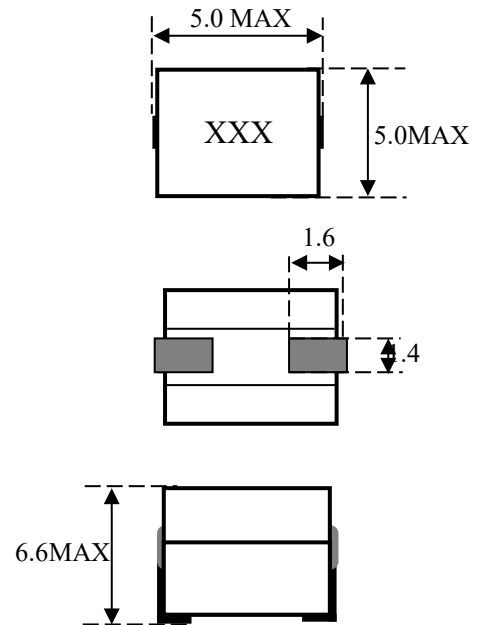
SUI0506- 80N K

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

