

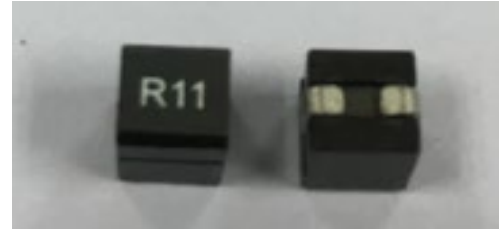


SMD Power Inductor- SUI0705 Series

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

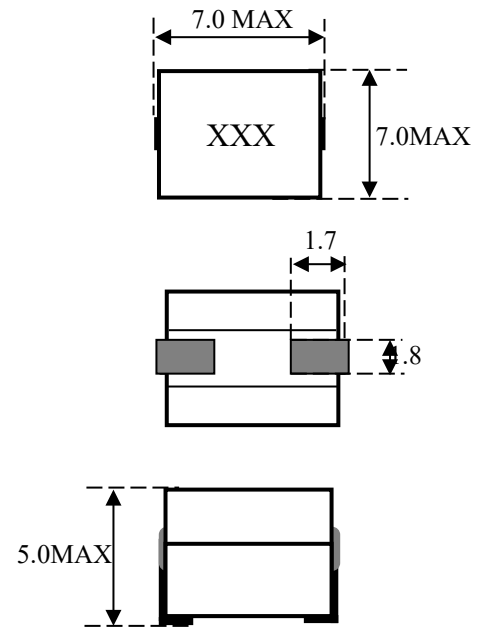
Excellent for power line DC-DC conversion applications used in power switching, personal computers and other handheld electronic equipment.

Product Identification

SUI0705– 80N K

SUI: SERIES NAME
 0705: CORE SIZE CODE
 80N: INDUCTANCE CODE.
 K: TOLERANCE, K=10% L=15%.M=20%

Dimensions (mm)



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

Recommender PCB Layout

