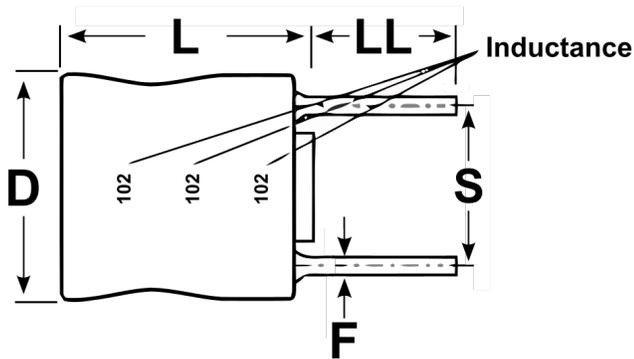


## SBC1-6R8-182

Aliases (UPIN16R8182000)

KEMET, SBC1, Power, 6.8 uH, 20%, 3mm



Click [here](#) for the 3D model.

### Dimensions

D	5.5mm MAX
L	8.5mm MAX
S	3mm NOM
LL	3.5mm +1/-0.5mm
F	0.3mm NOM

### Packaging Specifications

Component Weight	500 mg
Packaging	Bulk
Packaging Quantity	10000

### General Information

Series	SBC1
Style	Through-Hole
Description	Radial Leaded, Ferrite Power Inductors
Features	DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core
RoHS	Yes
Lead	Wire Leads
Core	Ferrite
Miscellaneous	Soft Lead Terminal

### Specifications

Inductance	6.8 uH
Inductance Tolerance	20%
Temperature Range	-20/+105°C
Shielded	No
Current	1.8 Amps
DC Resistance	0.06 Ohms