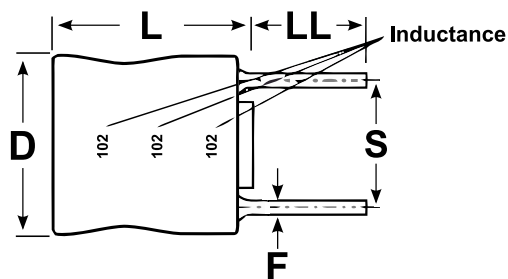


**KEMET Part Number: SBC6-682-181**  
(UPIN6682181000)



KEMET, SBC6, Power, 6800 uH, 10%, 7.5mm



### General Information

<b>Series:</b>	SBC6
<b>Style:</b>	Through-Hole
<b>Description:</b>	Radial Leaded, Ferrite Power Inductors
<b>Features:</b>	DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Core:</b>	Ferrite
<b>Miscellaneous:</b>	Pin Lead Terminal

### Dimensions

<b>D</b>	12mm MAX
<b>L</b>	18.5mm MAX
<b>S</b>	7.5mm +/-0.5mm
<b>LL</b>	6.5mm +/-1mm
<b>F</b>	0.8mm NOM

### Specifications

<b>Inductance:</b>	6800 uH
<b>Inductance Tolerance:</b>	10%
<b>Temperature Range:</b>	-20/+105°C
<b>Shielded:</b>	No
<b>Current:</b>	0.18 Amps
<b>DC Resistance:</b>	8.92 Ohms

### Packaging Specifications

<b>Component Weight:</b>	6.068 g
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	2000

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