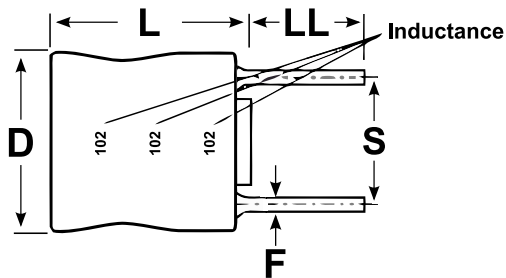


**KEMET Part Number: SBC4-6R8-452**  
(UPIN46R8452000)

KEMET, SBC4, Power, 6.8 uH, 20%, 5.5mm



#### General Information

<b>Series:</b>	SBC4
<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>	Soft Lead Terminal

#### Dimensions

<b>D</b>	9mm MAX
<b>L</b>	12mm MAX
<b>S</b>	5.5mm NOM
<b>LL</b>	3.5mm +1/-0.5mm
<b>F</b>	0.6mm NOM

#### Specifications

<b>Inductance:</b>	6.8 uH (0.01 MHz)
<b>Inductance Tolerance:</b>	20%
<b>Temperature Range:</b>	-20/+105°C
<b>Shielded:</b>	No
<b>Current:</b>	4.5 Amps
<b>DC Resistance:</b>	0.03 Ohms

#### Packaging Specifications

<b>Weight:</b>	1.972 g
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	3000

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