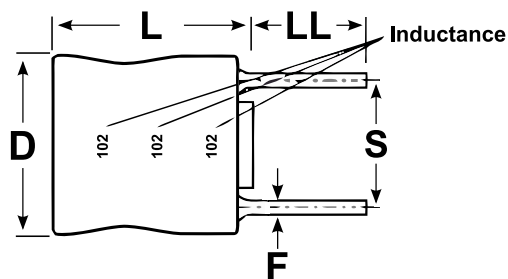


**KEMET Part Number: SBC3-102-281**  
(UPIN3102281000)



KEMET, SBC3, Power, 1000 uH, 10%, 5mm



### General Information

<b>Series:</b>	SBC3
<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>	9mm MAX
<b>L</b>	11.5mm MAX
<b>S</b>	5mm +/-0.5mm
<b>LL</b>	5mm +/-1mm
<b>F</b>	0.6mm NOM

### Specifications

<b>Inductance:</b>	1000 uH (0.01 MHz)
<b>Inductance Tolerance:</b>	10%
<b>Temperature Range:</b>	-20/+105°C
<b>Shielded:</b>	No
<b>Current:</b>	0.28 Amps
<b>DC Resistance:</b>	2.37 Ohms

### Packaging Specifications

<b>Weight:</b>	1.686 g
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	4000

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