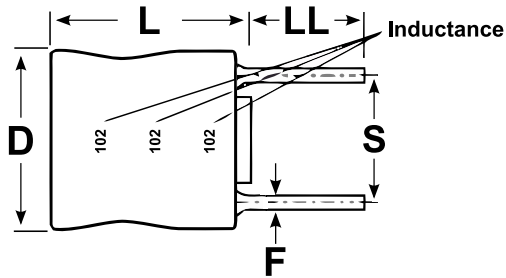


**KEMET Part Number: SBC2-1R5-402**  
(UPIN21R5402000)

KEMET, SBC2, Power, 1.5 uH, 20%, 4mm



#### General Information

<b>Series:</b>	SBC2
<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>	7mm MAX
<b>L</b>	8mm MAX
<b>S</b>	4mm NOM
<b>LL</b>	3.5mm +1/-0.5mm
<b>F</b>	0.5mm NOM

#### Specifications

<b>Inductance:</b>	1.5 uH (0.01 MHz)
<b>Inductance Tolerance:</b>	20%
<b>Temperature Range:</b>	-20/+105°C
<b>Shielded:</b>	No
<b>Current:</b>	4 Amps
<b>DC Resistance:</b>	0.02 Ohms

#### Packaging Specifications

<b>Weight:</b>	700 mg
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	3750

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.