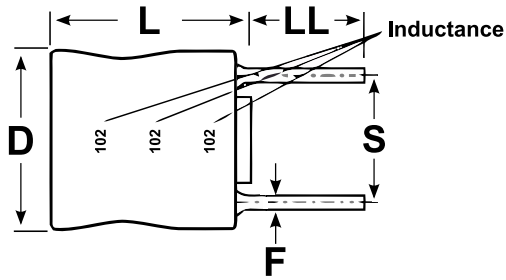


**KEMET Part Number: SBC2-1R5-402**  
(UPIN21R5402000)

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

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