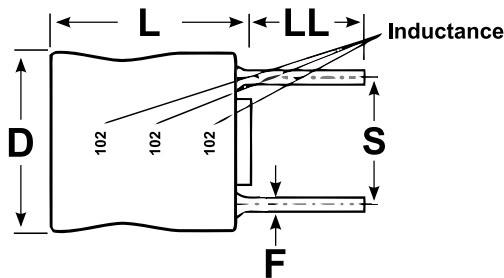


KEMET Part Number: SBC3-1R5-632  
(UPIN31R5632000)



KEMET, SBC3, Power, 1.5 uH, 20%, 5.5mm



#### General Information

|                |                                                   |
|----------------|---------------------------------------------------|
| Series:        | SBC3                                              |
| Style:         | Through-Hole                                      |
| Description:   | Radial Leaded, Ferrite Power Inductors            |
| Features:      | DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core |
| RoHS:          | Yes                                               |
| Lead:          | Wire Leads                                        |
| Core:          | Ferrite                                           |
| Miscellaneous: | Soft Lead Terminal                                |

#### Dimensions

|    |                 |
|----|-----------------|
| D  | 9mm MAX         |
| L  | 9mm MAX         |
| S  | 5.5mm NOM       |
| LL | 3.5mm +1/-0.5mm |
| F  | 0.7mm NOM       |

#### Specifications

|                       |                   |
|-----------------------|-------------------|
| Inductance:           | 1.5 uH (0.01 MHz) |
| Inductance Tolerance: | 20%               |
| Temperature Range:    | -20/+105°C        |
| Shielded:             | No                |
| Current:              | 6.3 Amps          |
| DC Resistance:        | 0.01 Ohms         |

#### Packaging Specifications

|                     |       |
|---------------------|-------|
| Weight:             | 1.6 g |
| Packaging:          | Bulk  |
| Packaging Quantity: | 4000  |

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