

## SBC6-150-382

Aliases (UPIN6150382000)

KEMET, SBC6, Ferrite, 20%, 15 uH, 12 mm, 8.5 mm



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### General Information

|               |   |
|---------------|---|
| Series        | SBC6  |
| Style         | Through-Hole Drum                                 |
| Core          | Ferrite   |
| Description   | Radial Leaded, Ferrite Power Inductors            |
| Features      | DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core |
| RoHS          | Yes   |
| Lead          | Wire Leads  |
| Miscellaneous | Soft Lead Terminal                                |

### Dimensions

|   |           |
|---|-----------|
| D | 12mm MAX  |
| L | 15mm MAX  |
| S | 8.5mm NOM |
| F | 0.7mm NOM |

### Packaging Specifications

|                          |         |
|--------------------------|---------|
| Typical Component Weight | 4.769 g |
| Packaging                | Bulk    |
| Packaging Quantity       | 1600    |

### Specifications

|                      |                  |
|----------------------|------------------|
| Inductance           | 15 uH (0.01 MHz) |
| Inductance Tolerance | 20%              |
| Rated Current        | 3.8 Amps         |
| Temperature Range    | -20/+105°C       |
| Shielded             | No               |
| DC Resistance        | 30 mOhms         |
| DC Resistance        | 0.03 Ohms        |

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