



Click [here](#) for the 3D model.

**General Information**

|               |   |
|---------------|---|
| Series        | SBC3  |
| 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 | 9mm MAX   |
| L | 9mm MAX   |
| S | 5.5mm NOM |
| F | 0.6mm NOM |

**Packaging Specifications**

|                          |       |
|--------------------------|-------|
| Typical Component Weight | 1.6 g |
| Packaging                | Bulk  |
| Packaging Quantity       | 4000  |

**Specifications**

|                      |                   |
|----------------------|-------------------|
| Inductance           | 6.8 uH (0.01 MHz) |
| Inductance Tolerance | 20%               |
| Rated Current        | 3.9 Amps          |
| Temperature Range    | -20/+105°C        |
| Shielded             | No                |
| DC Resistance        | 30 mOhms          |
| DC Resistance        | 0.03 Ohms         |

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