



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

**General Information**

|               |   |
|---------------|---|
| Series        | SBC8  |
| 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 | 15mm MAX  |
| L | 19mm MAX  |
| S | 10mm NOM  |
| F | 0.9mm NOM |

**Packaging Specifications**

|                          |          |
|--------------------------|----------|
| Typical Component Weight | 12.877 g |
| Packaging                | Bulk     |
| Packaging Quantity       | 900      |

**Specifications**

|                      |                  |
|----------------------|------------------|
| Inductance           | 47 uH (0.01 MHz) |
| Inductance Tolerance | 10%              |
| Rated Current        | 3.7 Amps         |
| Temperature Range    | -20/+105°C       |
| Shielded             | No               |
| DC Resistance        | 40 mOhms         |
| DC Resistance        | 0.04 Ohms        |

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