



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

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 | 1mm NOM |

Packaging Specifications

| | |
|--------------------------|--------|
| Typical Component Weight | 5.65 g |
| Packaging | Bulk |
| Packaging Quantity | 1600 |

Specifications

| | |
|----------------------|-------------------|
| Inductance | 6.8 uH (0.01 MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 6.6 Amps |
| Temperature Range | -20/+105°C |
| Shielded | No |
| DC Resistance | 20 mOhms |
| DC Resistance | 0.02 Ohms |

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