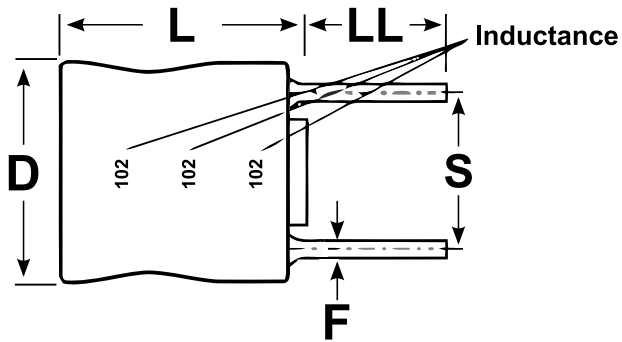


## SBC6-681-631

Aliases (UPIN6681631000)

KEMET, SBC6, Ferrite, 10%, 680 uH, 12 mm, 7.5 mm



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 | Pin Lead Terminal                                 |

### Specifications

|                      |                   |
|----------------------|-------------------|
| Inductance           | 680 uH (0.01 MHz) |
| Inductance Tolerance | 10%               |
| Rated Current        | 0.63 Amps         |
| Temperature Range    | -20/+105°C        |
| Shielded             | No                |
| DC Resistance        | 980 mOhms         |
| DC Resistance        | 0.98 Ohms         |

### Dimensions

|   |                |
|---|----------------|
| D | 12mm MAX       |
| L | 18.5mm MAX     |
| S | 7.5mm +/-0.5mm |
| F | 0.8mm NOM      |

### Packaging Specifications

|                          |       |
|--------------------------|-------|
| Typical Component Weight | 5.7 g |
| Packaging                | Bulk  |
| Packaging Quantity       | 2000  |

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