

## SBC8-6R8-862

Aliases (UPIN86R8862000)

KEMET, SBC8, Power, 6.8 uH, 20%, 10mm



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

### Dimensions

|    |                 |
|----|-----------------|
| D  | 15mm MAX        |
| L  | 19mm MAX        |
| S  | 10mm NOM        |
| LL | 3.5mm +1/-0.5mm |
| F  | 1.2mm NOM       |

### Packaging Specifications

|                    |         |
|--------------------|---------|
| Component Weight   | 10.01 g |
| Packaging          | Bulk    |
| Packaging Quantity | 900     |

### General Information

|               |   |
|---------------|---|
| Series        | SBC8  |
| Style         | Through-Hole                                      |
| Description   | Radial Leaded, Ferrite Power Inductors            |
| Features      | DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core |
| RoHS          | Yes   |
| Lead          | Wire Leads  |
| Core          | Ferrite   |
| Miscellaneous | Soft Lead Terminal                                |

### Specifications

|                      |            |
|----------------------|------------|
| Inductance           | 6.8 uH     |
| Inductance Tolerance | 20%        |
| Temperature Range    | -20/+105°C |
| Shielded             | No         |
| Current              | 8.6 Amps   |
| DC Resistance        | 0.02 Ohms  |