



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

#### General Information

|             |   |
|-------------|---|
| Series      | SBCP-87HY   |
| 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  |
| Notes       | Contains 4 Reels of 500 pieces each.              |

#### Dimensions

|   |              |
|---|--------------|
| D | 9.5mm MAX    |
| L | 8.5mm MAX    |
| S | 5mm +/-0.5mm |
| F | 0.6mm NOM    |

#### Packaging Specifications

|                          |       |
|--------------------------|-------|
| Typical Component Weight | 1.6 g |
| Packaging                | Ammo  |
| Packaging Quantity       | 2000  |

#### Specifications

|                      |                  |
|----------------------|------------------|
| Inductance           | 33 uH (0.01 MHz) |
| Inductance Tolerance | 20%              |
| Rated Current        | 1.5 Amps         |
| Temperature Range    | -20/+105°C       |
| Shielded             | No               |
| DC Resistance        | 120 mOhms        |
| DC Resistance        | 0.12 Ohms        |

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