



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

General Information

| | |
|-------------|---|
| Series | SBCP-47HY |
| 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 |

Dimensions

| | |
|---|----------------|
| D | 5mm MAX |
| L | 7.5mm MAX |
| H | 18mm +2mm |
| S | 2.5mm +/-0.5mm |
| F | 0.5mm NOM |

Packaging Specifications

| | |
|--------------------------|--------|
| Typical Component Weight | 500 mg |
| Packaging | Bulk |
| Packaging Quantity | 6000 |

Specifications

| | |
|----------------------|-------------------|
| Inductance | 2.7 uH (0.01 MHz) |
| Inductance Tolerance | 20% |
| Inductance | 2,700 nH |
| Temperature Range | -20/+105°C |
| Shielded | No |
| Current | 2.45 Amps |
| DC Resistance | 32 mOhms |
| DC Resistance | 0.032 Ohms |

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