



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

#### General Information

|               |                                     |
|---------------|-------------------------------------|
| Series        | SHBC                                |
| Style         | Through-Hole                        |
| Features      | Low Core Loss, High Frequency Drive |
| RoHS          | Yes                                 |
| Miscellaneous | 25 (K) Temperature Rise Max.        |
| Core          | Fe-Si-Al                            |

#### Dimensions

|           |            |
|-----------|------------|
| D         | 30mm MAX   |
| L         | 30mm MAX   |
| T         | 14.9mm MAX |
| LL        | 9mm +/-3mm |
| S         | 11mm NOM   |
| Wire Size | 1.2mm      |

#### Packaging Specifications

|                          |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 150  |
| Typical Component Weight | 23 g |

#### Specifications

|                      |            |
|----------------------|------------|
| Inductance           | 45 uH      |
| Inductance Tolerance | 20%        |
| Rated Current        | 6 A        |
| Temperature Range    | -40/+125°C |
| DC Resistance        | 18.3 mOhms |

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