



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

| Dimensions |            |
|------------|------------|
| D          | 41.2mm MAX |
| L          | 41.2mm MAX |
| T          | 19.5mm MAX |
| LL         | 9mm +/-3mm |
| S          | 14mm NOM   |
| Wire Size  | 1.7mm      |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 80   |
| Typical Component Weight | 56 g |

| General Information |                                     |
|---------------------|-------------------------------------|
| Series              | SHBC                                |
| Style               | Through-Hole                        |
| Features            | Low Core Loss, High Frequency Drive |
| RoHS                | Yes                                 |
| Miscellaneous       | 35 (K) Temperature Rise Max.        |
| Core                | Fe-Si-Al                            |

| Specifications       |            |
|----------------------|------------|
| Inductance           | 54 uH      |
| Inductance Tolerance | 20%        |
| Current              | 12 A       |
| Temperature Range    | -40/+125°C |
| DC Resistance        | 11.5 mOhms |