



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

#### Specifications

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

#### Packaging Specifications

Packaging	Tray
Packaging Quantity	150
Typical Component Weight	23 g

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.