


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

**Dimensions**

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

**Specifications**

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

**Packaging Specifications**

Packaging	Tray
Packaging Quantity	80
Typical Component Weight	56 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.