



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

#### General Information

Series	SC31X
Style	Through-Hole
Features	High Inductance, High Permeability
RoHS	Yes
Miscellaneous	Temperature Rise (K) Maximum: 45.
Core	Nanocrystal

#### Dimensions

D	45mm MAX
T	31mm MAX
H	42mm MAX
LL	3.5mm +/-0.5mm
S	18mm MIN
S1	22mm MIN
Wire Size	1.9mm

#### Specifications

Voltage AC	500 VAC
Voltage DC	500 VDC
Inductance	9.21 mH
Rated Current	17.5 A
Temperature Range	-40/+130°C
DC Resistance	6.6 mOhms

#### Packaging Specifications

Packaging	Tray
Packaging Quantity	60
Typical Component Weight	93 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.