



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

**General Information**

|               |                                    |
|---------------|------------------------------------|
| Series        | SC23X                              |
| Style         | Through-Hole                       |
| Features      | High Inductance, High Permeability |
| RoHS          | Yes                                |
| Miscellaneous | Temperature Rise (K) Maximum: 60.  |
| Core          | Nanocrystal                        |

**Dimensions**

|           |            |
|-----------|------------|
| D         | 33mm MAX   |
| T         | 24.1mm MAX |
| H         | 29.5mm MAX |
| LL        | 6mm MIN    |
| S         | 24mm MIN   |
| S1        | 20mm MIN   |
| Wire Size | 1.2mm      |

**Specifications**

|                   |            |
|-------------------|------------|
| Voltage AC        | 500 VAC    |
| Voltage DC        | 500 VDC    |
| Inductance        | 5.59 mH    |
| Rated Current     | 9 A        |
| Temperature Range | -40/+130°C |
| DC Resistance     | 20.4 mOhms |

**Packaging Specifications**

|                          |        |
|--------------------------|--------|
| Packaging                | Tray   |
| Packaging Quantity       | 120    |
| Typical Component Weight | 44.3 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.