



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

#### General Information

|               |                                     |
|---------------|-------------------------------------|
| Series        | SC12X                               |
| Style         | Through-Hole                        |
| Features      | High Inductance, High Permeability  |
| RoHS          | Yes                                 |
| Miscellaneous | Temperature Rise (K) Reference: 45. |
| Core          | Nanocrystal                         |

#### Dimensions

|           |                |
|-----------|----------------|
| D         | 15.5mm MAX     |
| T         | 14mm MAX       |
| H         | 16mm MAX       |
| LL        | 3.5mm +/-0.5mm |
| S         | 8mm MIN        |
| S1        | 10mm MIN       |
| Wire Size | 0.35mm         |

#### Packaging Specifications

|                          |       |
|--------------------------|-------|
| Packaging                | Tray  |
| Packaging Quantity       | 560   |
| Typical Component Weight | 4.9 g |

#### Specifications

|                   |            |
|-------------------|------------|
| Voltage AC        | 250 VAC    |
| Voltage DC        | 320 VDC    |
| Inductance        | 50 mH      |
| Rated Current     | 1 A        |
| Temperature Range | -40/+130°C |
| DC Resistance     | 289 mOhms  |

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