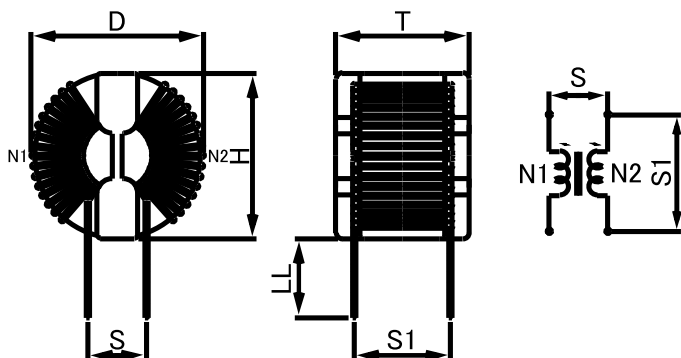




Click [here](#) for the 3D model.

## 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         | 12mm MAX   |
| H         | 15mm MAX   |
| LL        | 10mm MIN   |
| S         | 8mm MIN    |
| S1        | 10mm MIN   |
| Wire Size | 0.35mm     |

## 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  |

## Packaging Specifications

|                          |       |
|--------------------------|-------|
| Packaging                | Tray  |
| Packaging Quantity       | 1300  |
| Typical Component Weight | 4.7 g |

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