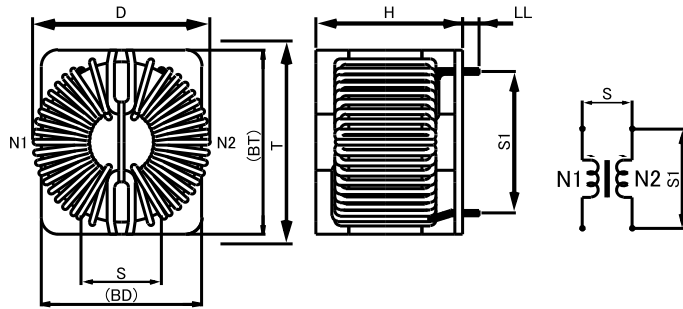




Click [here](#) for the 3D model.

## 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         | 42mm MAX       |
| H         | 33mm MAX       |
| LL        | 3.5mm +/-0.5mm |
| S         | 17mm MIN       |
| S1        | 30mm MIN       |
| Wire Size | 1.9mm          |

## Packaging Specifications

|                          |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 80   |
| Typical Component Weight | 93 g |

## 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  |

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