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**General Information**

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

**Dimensions**

|           |                |
|-----------|----------------|
| D         | 45mm MAX       |
| T         | 42mm MAX       |
| H         | 33mm MAX       |
| LL        | 3.5mm +/-0.5mm |
| S         | 17mm MIN       |
| S1        | 30mm MIN       |
| Wire Size | 2mm            |

**Specifications**

|                   |            |
|-------------------|------------|
| Voltage AC        | 500 VAC    |
| Voltage DC        | 500 VDC    |
| Inductance        | 1.05 mH    |
| Rated Current     | 20 A       |
| Temperature Range | -40/+130°C |
| DC Resistance     | 5.16 mOhms |

**Packaging Specifications**

|                          |       |
|--------------------------|-------|
| Packaging                | Tray  |
| Packaging Quantity       | 80    |
| Typical Component Weight | 89.1g |

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