



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

#### General Information

|              |   |
|--------------|---|
| Series       | L-SMS   |
| Style        | SMD Multi-Layer   |
| Core         | Ceramic   |
| Description  | Shielded, Surface Mount Inductor  |
| Features     | Standard Type   |
| RoHS         | Yes   |
| Winding Type | Multilayer  |
| Notes        | Suggested Replacement - <a href="https://www.chilisin.com/en-global/Inductor/Product/BSCL_160808/BSCL00160808R33M00">https://www.chilisin.com/en-global/Inductor/Product/BSCL_160808/BSCL00160808R33M00</a> . |

#### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 0603            |
| L         | 1.6mm +/-0.15mm |
| W         | 0.8mm +/-0.15mm |
| T         | 0.8mm +/-0.15mm |

#### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 4000 |

#### Specifications

|                         |                  |
|-------------------------|------------------|
| Inductance              | 0.33 uH (25 MHz) |
| Inductance Tolerance    | 20%              |
| Rated Current           | 35 mAmps (MAX)   |
| Temperature Range       | -40/+85°C        |
| DC Resistance           | 850 mOhms        |
| DC Resistance           | 0.85 Ohms        |
| Quality Factor          | 15 at 25 MHz     |
| Self-Resonant Frequency | 125 MHz          |

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