



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_201209/BSCL00201209R22K00">https://www.chilisin.com/en-global/Inductor/Product/BSCL_201209/BSCL00201209R22K00</a> . |

#### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 0805            |
| L         | 2mm +0.3/-0.1mm |
| W         | 1.25mm +/-0.2mm |
| T         | 0.85mm +/-0.2mm |

#### Packaging Specifications

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

#### Specifications

|                         |                  |
|-------------------------|------------------|
| Inductance              | 0.22 uH (25 MHz) |
| Inductance Tolerance    | 10%              |
| Rated Current           | 250 mAmps (MAX)  |
| Temperature Range       | -40/+85°C        |
| DC Resistance           | 500 mOhms        |
| DC Resistance           | 0.5 Ohms         |
| Quality Factor          | 20 at 25 MHz     |
| Self-Resonant Frequency | 170 MHz          |

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