



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                       |

#### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 0402            |
| L         | 1mm +/-0.05mm   |
| W         | 0.5mm +/-0.05mm |
| T         | 0.5mm +/-0.05mm |

#### Packaging Specifications

|                    |       |
|--------------------|-------|
| Packaging          | T&R   |
| Packaging Quantity | 10000 |

#### Specifications

|                         |                 |
|-------------------------|-----------------|
| Inductance              | 1.5 uH (10 MHz) |
| Inductance Tolerance    | 10%             |
| Rated Current           | 10 mAmps (MAX)  |
| Temperature Range       | -40/+85°C       |
| DC Resistance           | 1.4 Ohms        |
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| Quality Factor          | 20 at 10 MHz    |
| Self-Resonant Frequency | 50 MHz          |

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