



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

General Information

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|--------------|---|
| 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 - https://www.chilisin.com/en-global/Inductor/Product/BSCL_201212/BSCL002012122R7M00 . |

Dimensions

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

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 2000 |

Specifications

| | |
|-------------------------|-----------------|
| Inductance | 2.7 uH (10 MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 30 mAmps (MAX) |
| Temperature Range | -40/+85°C |
| DC Resistance | 750 mOhms |
| DC Resistance | 0.75 Ohms |
| Quality Factor | 45 at 10 MHz |
| Self-Resonant Frequency | 45 MHz |

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