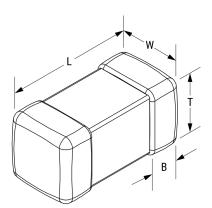


## L0805CR10KSMST

Aliases (L0805CR10KSMST)

## Obsolete

KEMET, L-SMS, Commercial Grade, 0.1 uH, 10%



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0805            |
| L          | 2mm +0.3/-0.1mm |
| W          | 1.25mm +/-0.2mm |
| Т          | 0.85mm +/-0.2mm |
| LL         | 0.5mm +/-0.2mm  |
| В          | 0.5mm +/-0.2mm  |

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

| General Information |   |  |
|---------------------|---|--|
| Series              | L-SMS   |  |
| Style               | SMD Chip  |  |
| Description         | Shielded, Surface Mount Inductor  |  |
| Features            | Standard Type   |  |
| RoHS                | Yes   |  |
| Core                | Ceramic   |  |
| Winding<br>Type     | Multilayer  |  |
| Notes               | Suggested Replacement - https://www.chilisin.com/en-<br>global/Inductor/Product/BSCL_201209/BSCL00201209R10K00. |  |

| Specifications          |                 |
|-------------------------|-----------------|
| Inductance              | 0.1 uH          |
| Inductance Tolerance    | 10%             |
| Temperature Range       | -40/+85°C       |
| Current                 | 250 mAmps (MAX) |
| DC Resistance           | 0.3 Ohms        |
| Quality Factor          | 20 at 25 MHz    |
| Self-Resonant Frequency | 235 MHz         |

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