

## L1007C150KDWIT

Aliases (L1007C150KDWIT)

Not for New Design

KEMET, L-DWI, Power, 15 uH, 10%



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

### Dimensions

|           |                |
|-----------|----------------|
| Chip Size | 1007           |
| L         | 2.5mm +/-0.2mm |
| W         | 1.8mm +/-0.2mm |
| T         | 1.8mm +/-0.2mm |
| LL        | 0.5mm +/-0.2mm |
| B         | 0.5mm +/-0.2mm |

### Packaging Specifications

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

### General Information

|             |                                |
|-------------|--------------------------------|
| Series      | L-DWI                          |
| Style       | SMD Chip                       |
| Description | Surface Mount Inductor         |
| Features    | High Current Type              |
| RoHS        | Yes                            |
| Notes       | Last Order Date June 30, 2023. |

### Specifications

|                         |                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------|
| Inductance              | 15 uH (2.52 MHz)                                                                        |
| Inductance Tolerance    | 10%                                                                                     |
| Temperature Range       | -40/+105°C                                                                              |
| Current                 | 350 mAmps (Isat, 30% Drop In Inductance),<br>500 mAmps (Irms, 40C Rise By Self Heating) |
| DC Resistance           | 0.65 Ohms                                                                               |
| Self-Resonant Frequency | 23 MHz MIN                                                                              |

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