

L0805C100KDWST

Aliases (L0805C100KDWST)

KEMET, L-DWS, Power, 10 uH, 10%



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

Dimensions

| | |
|-----------|-----------------|
| Chip Size | 0805 |
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| T | 1.25mm +/-0.2mm |
| LL | 0.5mm +/-0.2mm |
| B | 0.5mm +/-0.2mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 3000 |

General Information

| | |
|-------------|------------------------|
| Series | L-DWS |
| Style | SMD Chip |
| Description | Surface Mount Inductor |
| Features | Standard Type |
| RoHS | Yes |

Specifications

| | |
|-------------------------|---|
| Inductance | 10 uH (2.52 MHz) |
| Inductance Tolerance | 10% |
| Temperature Range | -40/+105°C |
| Current | 190 mAmps (Isat, 30% Drop In Inductance), 440 mAmps (Irms, 40C Rise By Self Heating) |
| DC Resistance | 0.7 Ohms |
| Self-Resonant Frequency | 32 MHz MIN |

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