



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

| Dimensions | |
|------------|-----------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.2mm |
| W | 0.8mm +/-0.2mm |
| T | 0.8mm +/-0.2mm |
| LL | 0.4mm +/-0.15mm |
| B | 0.4mm +/-0.15mm |

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

| General Information | |
|---------------------|--------------------------------|
| Series | L-DWF |
| Style | SMD Chip |
| Description | Surface Mount Inductor |
| Features | Bottom Surface Electrode |
| RoHS | Yes |
| Notes | Last Order Date June 30, 2023. |

| Specifications | |
|-------------------------|---|
| Inductance | 47 uH (2.52 MHz) |
| Inductance Tolerance | 10% |
| Temperature Range | -40/+105°C |
| Current | 50 mAmps (Isat, 30% Drop In Inductance), 140 mAmps (Irms, 40C Rise By Self Heating) |
| DC Resistance | 2.5 Ohms |
| Self-Resonant Frequency | 11 MHz |