



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

### Dimensions

Chip Size	0806
L	2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-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	47 uH (2.52 MHz)
Inductance Tolerance	20%
Temperature Range	-40/+105°C
Current	150 mAmps (Isat, 30% Drop In Inductance), 150 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	4.3 Ohms
Self-Resonant Frequency	11 MHz