



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	20%
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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.