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### 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

### Specifications

Inductance	47 uH (2.52 MHz)
Inductance Tolerance	10%
Temperature Range	-40/+105°C
Current	240 mAmps (Isat, 30% Drop In Inductance), 290 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	1.9 Ohms
Self-Resonant Frequency	12 MHz MIN

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.

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