

## L0806C6R8MDWIT

Aliases (L0806C6R8MDWIT)

KEMET, L-DWI, Power, 6.8 uH, 20%



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

### Specifications

Inductance	6.8 uH (7.96 MHz)
Inductance Tolerance	20%
Temperature Range	-40/+105°C
Current	450 mAmps (Isat, 30% Drop In Inductance), 450 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	0.59 Ohms
Self-Resonant Frequency	38 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.

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