

L0806C6R8MDWIT

Aliases (L0806C6R8MDWIT)

Not for New Design

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
Notes	Last Order Date June 30, 2023.

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

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