

L0805C1R0MDWLT

Aliases (L0805C1R0MDWLT)

KEMET, L-DWL, Power, 1 uH, 20%



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Dimensions

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.9mm +/-0.1mm
LL	0.5mm +/-0.2mm
B	0.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

General Information

Series	L-DWL
Style	SMD Chip
Description	Surface Mount Inductor
Features	Low Profile
RoHS	Yes

Specifications

Inductance	1 uH (0.1 MHz)
Inductance Tolerance	20%
Temperature Range	-40/+105°C
Current	620 mAmps (Isat, 30% Drop In Inductance), 950 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	0.15 Ohms
Self-Resonant Frequency	100 MHz MIN

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