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General Information

Series	L-DWI
Style	SMD Wire-Wound
Core	Ferrite
Description	Surface Mount Inductor
Features	High Current Type
RoHS	Yes
Notes	Last Order Date June 30, 2023. Suggested Replacement - https://productfinder.pulseelectronics.com/part/BWNC003729261R0K00 .

Dimensions

Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.5mm +/-0.2mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

Specifications

Inductance	1 uH (0.1 MHz)
Inductance Tolerance	20%
Inductance	1000 nH
Rated Current	1440 mAmps (Irms, 40C Rise By Self Heating)
Saturation Current	2000 mAmps (Isat, 30% Drop In Inductance)
Temperature Range	-40/+105°C
Current	2000 mAmps (Isat, 30% Drop In Inductance), 1440 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	55 mOhms
DC Resistance	0.055 Ohms
Self-Resonant Frequency	250 MHz

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