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General Information

Series	L-DWS
Style	SMD Wire-Wound
Core	Ferrite
Description	Surface Mount Inductor
Features	Standard Type
RoHS	Yes
Notes	Last Order Date June 30, 2023.

Dimensions

Chip Size	1007
L	2.5mm +/-0.2mm
W	1.8mm +/-0.2mm
T	1.8mm +/-0.2mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	2000

Specifications

Inductance	47 uH (2.52 MHz)
Inductance Tolerance	10%
Rated Current	420 mAmps (Irms, 40C Rise By Self Heating)
Saturation Current	110 mAmps (Isat, 30% Drop In Inductance)
Temperature Range	-40/+105°C
DC Resistance	950 mOhms
DC Resistance	0.95 Ohms
Self-Resonant Frequency	12 MHz MIN

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