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General Information

Series	L-RMS
Style	SMD Multi-Layer
Core	Ceramic
Description	Surface Mount Inductor
RoHS	Yes

Dimensions

Chip Size	0805
L	2mm +0.3/-0.1mm
W	1.25mm +/-0.2mm
T	1mm +0.2/-0.3mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	3000

Specifications

Inductance	0.047 uH (100 MHz)
Inductance Tolerance	5%
Inductance	47 nH
Rated Current	300 mAmps (MAX)
Temperature Range	-40/+85°C
DC Resistance	700 mOhms
DC Resistance	0.7 Ohms
Quality Factor	23 at 100 MHz, 49 at 500 MHz, 43 at 800 MHz, 41 at 1000 MHz
Self-Resonant Frequency	900 MHz

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