

L0806C101KDWST

Aliases (L0806C101KDWST)

KEMET, L-DWS, Power, 100 uH, 10%



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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-DWS
Style	SMD Chip
Description	Surface Mount Inductor
Features	Standard Type
RoHS	Yes

Specifications

Inductance	100 uH (0.796 MHz)
Inductance Tolerance	10%
Temperature Range	-40/+105°C
Current	70 mAmps (Isat, 30% Drop In Inductance), 170 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	4.5 Ohms
Self-Resonant Frequency	8 MHz MIN

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