

L1007C102MDWST

Aliases (L1007C102MDWST)

KEMET, L-DWS, Power, 1000 uH, 20%



Click [here](#) for the 3D model.

Dimensions

Chip Size	1007
L	2.5mm +/-0.2mm
W	1.8mm +/-0.2mm
T	1.8mm +/-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	1000 uH (0.252 MHz)
Inductance Tolerance	20%
Temperature Range	-40/+105°C
Current	25 mAmps (Isat, 30% Drop In Inductance), 75 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	24 Ohms
Self-Resonant Frequency	2.4 MHz MIN

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