

L1007C470KDWIT

Aliases (L1007C470KDWIT)

Obsolete

KEMET, L-DWI, Ferrite, 10%, 47 uH, 1007



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

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.

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	290 mAmps (Irms, 40C Rise By Self Heating)
Saturation Current	240 mAmps (Isat, 30% Drop In Inductance)
Temperature Range	-40/+105°C
DC Resistance	1.9 Ohms
DC Resistance	1.9 Ohms
Self-Resonant Frequency	12 MHz MIN

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