

L1007R4R7MDWST

Aliases (L1007R4R7MDWST)

KEMET, L-DWS, Power, 4.7 uH, 20%



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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	4.7 uH (7.96 MHz)
Inductance Tolerance	20%
Temperature Range	-40/+105°C
Current	310 mAmps (Isat, 30% Drop In Inductance), 1200 mAmps (Irms, 40C Rise By Self Heating)
DC Resistance	0.1 Ohms
Self-Resonant Frequency	46 MHz MIN

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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