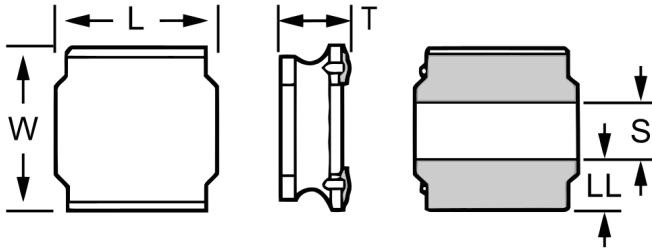


L3012C470MDWDT

Aliases (L3012C470MDWDT)

KEMET, L-DWD, Power, 47 uH, 20%, 3012(1212)



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

Dimensions

L	3mm +/-0.1mm
W	3mm +/-0.1mm
T	1.2mm MAX

Packaging Specifications

Packaging	T&R
Packaging Quantity	2000

General Information

Series	L-DWD
Style	SMD
Chip Size	3012(1212)
Description	Shielded, Surface Mount Inductor
Features	Low Profile
RoHS	Yes

Specifications

Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-25/+120°C
Shielded	Yes
Current	250 mAmps (MAX), 280 mAmps (Self Heating)
DC Resistance	1.45 Ohms
Self-Resonant Frequency	17 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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