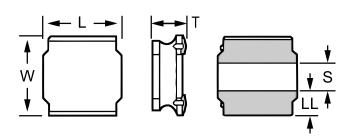


## L3012C470MDWDT

Aliases (L3012C470MDWDT)

Obsolete

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



General Information	
Series	L-DWD
Style	SMD Wire-Wound
Core	Ferrite
Description	Shielded, Surface Mount Inductor
Features	Low Profile
RoHS	Yes
Notes	Last Order Date June 30, 2023. Suggested Replacement - https://productfinder.pulseelect ronics.com/part/BWVF 00303012470M00.

## Click here for the 3D model.

Dimensions	
Chip Size	3012(1212)
L	3mm +/-0.1mm
W	3mm +/-0.1mm
Т	1.2mm MAX
Packaging Specifications	
Packaging	T&R
Packaging Quantity	2000

Specifications	
Inductance	47 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	250 mAmps (MAX), 280 mAmps (Self Heating)
Temperature Range	-25/+120°C
Shielded	Yes
DC Resistance	1.45 Ohms
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.

Generated 04/19/2025 © 2006 - 2025 YAGEO