

## L3012C6R8MDWDT

Aliases (L3012C6R8MDWDT)

KEMET, L-DWD, Power, 6.8 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	6.8 uH
Inductance Tolerance	20%
Temperature Range	-25/+120°C
Shielded	Yes
Current	670 mAmps (MAX), 740 mAmps (Self Heating)
DC Resistance	0.19 Ohms
Self-Resonant Frequency	40 MHz MIN

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