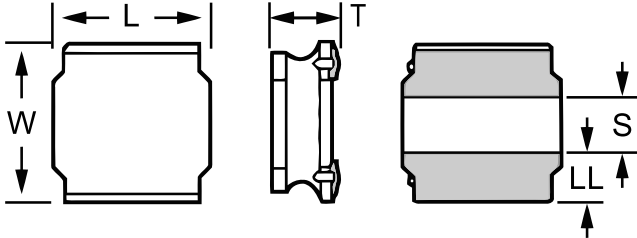


L3012C6R8MDWDT

Aliases (L3012C6R8MDWDT)

Obsolete

KEMET, L-DWD, Ferrite, 20%, 6,800 nH, 3012(1212)



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

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.

Dimensions

Chip Size	3012(1212)
L	3mm +/-0.1mm
W	3mm +/-0.1mm
T	1.2mm MAX

Packaging Specifications

Packaging	T&R
Packaging Quantity	2000

Specifications

Inductance	6.8 uH (100 kHz)
Inductance Tolerance	20%
Inductance	6,800 nH
Temperature Range	-25/+120°C
Shielded	Yes
Current	670 mAmps (MAX), 740 mAmps (Self Heating)
DC Resistance	190 mOhms
DC Resistance	0.19 Ohms
Self-Resonant Frequency	40 MHz MIN

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