

L0805C6R8MDWST

Aliases (L0805C6R8MDWST)

Obsolete

KEMET, L-DWS, Ferrite, 20%, 6,800 nH, 0805



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

General Information

Series	L-DWS
Style	SMD Wire-Wound
Core	Ferrite
Description	Surface Mount Inductor
Features	Standard Type
RoHS	Yes
Notes	Last Order Date June 30, 2023.

Dimensions

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.2mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	3000

Specifications

Inductance	6.8 uH (7.96 MHz)
Inductance Tolerance	20%
Rated Current	540 mAmps (Irms, 40C Rise By Self Heating)
Saturation Current	250 mAmps (Isat, 30% Drop In Inductance)
Temperature Range	-40/+105°C
DC Resistance	470 mOhms
DC Resistance	0.47 Ohms
Self-Resonant Frequency	35 MHz MIN

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