

MPX1D1770L6R8

Aliases (UPI2X11770L6R8)

KEMET, MPX, Power, 6.8 uH, 20%, 1770(6868)



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

Dimensions

L	17mm +/-0.5mm
W	17.1mm +/-0.5mm
T	7mm MAX
LL	2.1mm NOM
G	11.9mm NOM

Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	100

General Information

Series	MPX
Style	SMD
Chip Size	1770(6868)
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	6.8 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	19.5 A (Irms, 40C Rise By Self Heating), 18 A (Isat, 20% Drop In Inductance), 26 A (Isat, 30% Drop In Inductance)
DC Resistance	6.8 mOhms
Self-Resonant Frequency	8 MHz

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