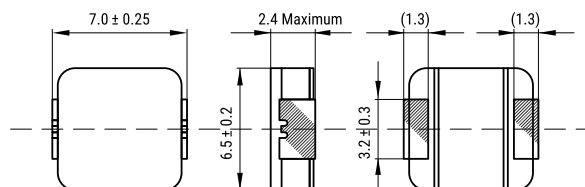


KEMET Part Number: MPXV1D0624L6R8
(UPI2X10624V6R8)



KEMET, MPXV, Power, 6.8 uH, 20%, 0624(2826)



General Information	
Series:	MPXV
Style:	SMD
Chip Size:	0624(2826)
Description:	Surface Mount Inductor
Features:	Power Inductors
RoHS:	Yes
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Core:	Composite
Miscellaneous:	40 (K) Temperature Rise Max.

Dimensions	
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	2.4mm MAX
LL	1.3mm NOM
G	3.2mm +/-0.3mm

Packaging Specifications	
Packaging:	T&R, 330mm
Packaging Quantity:	1500

Specifications	
Inductance:	6.8 uH
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	4.3 A (Irms, 40C Rise By Self Heating), 4.5 A (Isat, 20% Drop In Inductance), 5.5 A (Isat, 30% Drop In Inductance)
DC Resistance:	67.4 mOhms
Self-Resonant Frequency:	18 MHz

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