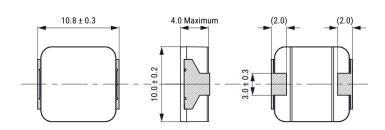


MPXV1D1040L6R8 Aliases (UPI2X11040V6R8)

KEMET, MPXV, Power, 6.8 uH, 20%, 1040(4340)



General Information Series MPXV Style SMD Chip Size 1040(4340) Description Surface Mount Inductor Features Power Inductors RoHS Yes Qualifications AEC-Q200 AEC-Q200 Yes Core Composite Miscellaneous 40 (K) Temperature Rise Max.

Click here for the 3D model.

Dimensions	
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
Т	4mm MAX
LL	2mm NOM
G	3mm +/-0.3mm

Packaging Specifications		
Packaging	T&R, 330mm	
Packaging Quantity	500	

Specifications		
Inductance	6.8 uH	
Inductance Tolerance	20%	
Temperature Range	-55/+155°C	
Shielded	Yes	
Current	8.3 A (Irms, 40C Rise By Self Heating), 8 A (Isat, 20% Drop In Inductance), 11.5 A (Isat, 30% Drop In Inductance)	
DC Resistance	24.1 mOhms	
Self-Resonant Frequency	14 MHz	

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