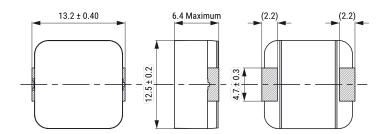


MPXV1D1264L6R8

Aliases (UPI2X11264V6R8)

KEMET, MPXV, Metal Composite, 20%, 6800 nH, 1264(5350)



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

Click here for the 3D model.

Packaging Quantity

Dimensions		
Chip Size	1264(5350)	
AEC-Q200	Yes	
L	13.2mm +/-0.4mm	
W	12.5mm +/-0.2mm	
Т	6.4mm MAX	
G	4.7mm +/-0.3mm	

G	4.7mm +/-0.3mm
Packaging Specifications	
Typical Component Weight	5.5 g
Packaging	T&R, 330mm

250

Specifications			
Inductance	6800 nH		
Inductance Tolerance	20%		
Temperature Range	-55/+155°C		
Shielded	true		
Current	14 A (Irms, 40C Rise By Self Heating), 11.5 A (Isat, 20% Drop In Inductance), 16 A (Isat, 30% Drop In Inductance)		
DC Resistance	12.3 mOhms		
Self-Resonant Frequency	10 MHz		

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.