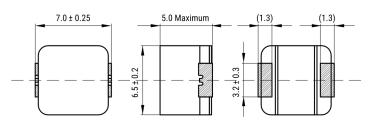


## MPX1D0650L6R8

Aliases (UPI2X10650L6R8)

KEMET, MPX, Metal Composite, 20%, 6800 nH, 0650(2826)



Click here for the 3D model.

Dimensions	
Chip Size	0650(2826)
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
Т	5mm MAX
G	3.2mm +/-0.3mm

Packaging Specifications	,
Typical Component Weight	1.05 g
Packaging	T&R, 330mm
Packaging Quantity	1000

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

Specifications	
Inductance	6800 nH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	5.7 A (Irms, 40C Rise By Self Heating), 4 A (Isat, 20% Drop In Inductance), 5.5 A (Isat, 30% Drop In Inductance)
DC Resistance	44.2 mOhms
Self-Resonant Frequency	17 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.