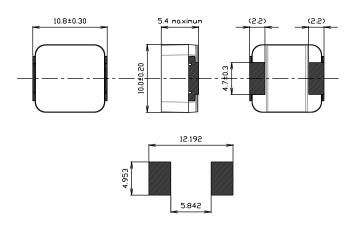


## MPGV1D1054L6R8 Aliases (UPI2X11054G6R8)

KEMET, MPGV, Metal Composite, 20%, 6,800 nH, 1054



General Information	
Series	MPGV
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.

Dimensions	
Chip Size	1054
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
Т	5.4mm MAX
G	4.7mm +/-0.3mm

## Packaging Specifications

Typical Component Weight	3 g
Packaging	T&R, 330mm
Packaging Quantity	500

Specifications	
Inductance	6.8 uH (0.1 MHz)
Inductance Tolerance	20%
Rated Current	9.4 A (Irms, 40C Rise By Self Heating)
Saturation Current	11 A (Isat, 20% Drop In Inductance), 15 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	17 mOhms
DC Resistance	17 mOhms
Self-Resonant Frequency	10 MHz

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