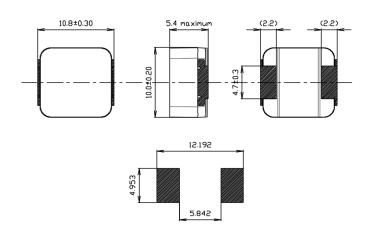


MPGV1D1054L4R7

Aliases (UPI2X11054G4R7)

KEMET, MPGV, Power, 4.7 uH, 20%, 1054



Click here for the 3D model.

Dimensions	
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
Т	5.4mm MAX
LL	2.2mm NOM
G	4.7mm +/-0.3mm

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

General Information	
Series	MPGV
Style	SMD
Chip Size	1054
Description	Surface Mount Inductor
Features	Power Inductors
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Core	Composite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications	
Inductance	4.7 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	11.3 A (Irms, 40C Rise By Self Heating), 13 A (Isat, 20% Drop In Inductance), 18.5 A (Isat, 30% Drop In Inductance)
DC Resistance	11.8 mOhms
Self-Resonant Frequency	14 MHz

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