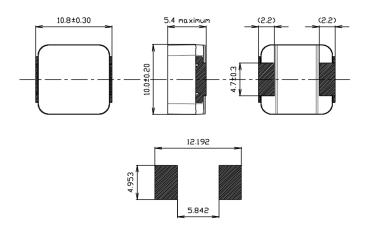


MPGV1D1054L220

Aliases (UPI2X11054G220)

KEMET, MPGV, Power, 22 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	22 uH
Inductance Tolerance	20%
Temperature Range	-55/+155°C
Shielded	Yes
Current	5.8 A (Irms, 40C Rise By Self Heating), 5.5 A (Isat, 20% Drop In Inductance), 8.5 A (Isat, 30% Drop In Inductance)
DC Resistance	44.6 mOhms
Self-Resonant Frequency	6.5 MHz

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