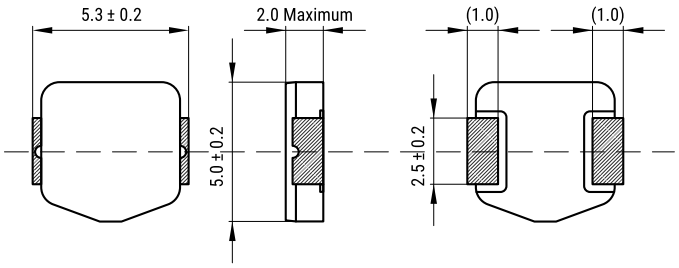
MPXV1D0520L6R8

Aliases (UPI2X10520V6R8)

KEMET, MPXV, Metal Composite, 20%, 6,800 nH



Click here for the 3D model.

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

Dimensions	
L	5.3mm +/-0.2mm
W	5mm +/-0.2mm
T	2mm MAX
G	2.5mm +/-0.2mm

Packaging Specifications	
Typical Component Weight	230 mg
Packaging	T&R, 330mm
Packaging Quantity	3500

Specifications	
Inductance	6.8 uH (100 kHz)
Inductance Tolerance	20%
Rated Current	2.9 A (Irms, 40C Rise By Self Heating)
Saturation Current	2.5 A (Isat, 20% Drop In Inductance), 4 A (Isat, 30% Drop In Inductance)
Temperature Range	-55/+155°C
Shielded	Yes
DC Resistance	130.5 mOhms
DC Resistance	130.5 mOhms
Self-Resonant Frequency	22 MHz

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