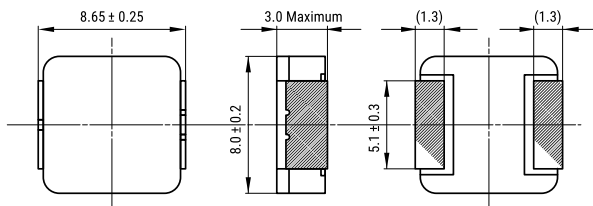


KEMET, MPXV, Power, 1500 nH, 20%



Dimensions	
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
T	3mm MAX
LL	1.3mm NOM
G	5.1mm +/-0.3mm

Packaging Specifications	
Packaging:	T&R, 330mm
Packaging Quantity:	1500

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

Specifications	
Inductance:	1.5 uH (100 KHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	14 A (I _{rms} , 40C Rise By Self Heating), 13 A (I _{sat} , 20% Drop In Inductance), 18 A (I _{sat} , 30% Drop In Inductance)
DC Resistance:	9.1 mOhms
Self-Resonant Frequency:	37 MHz