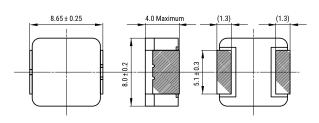
## KEMET Part Number: MPXV1D0840L1R0



## KEMET, MPXV, Power, 1000 nH, 20%



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.

Dimensions		
L	8.65mm +/-0.25mm	
W	8mm +/-0.2mm	
Т	4mm MAX	
LL	1.3mm NOM	
G	5.1mm +/-0.3mm	

Packaging Specifications	
Packaging:	T&R, 330mm
Packaging Quantity:	1000

Specifications	
Inductance:	1 uH (100 KHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	20.8 A (Irms, 40C Rise By Self Heating), 19.5 A (Isat, 20% Drop In Inductance), 28 A (Isat, 30% Drop In Inductance)
DC Resistance:	4.2 mOhms
Self-Resonant Frequency:	40 MHz

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