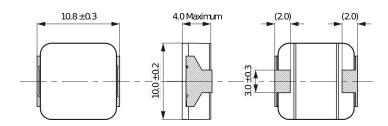


## MPEV1D1040L100

Aliases (UPI2X11040E100)

KEMET, MPEV, SMD, 10 uH, 20%, 4340



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

Click here for the 3D model.

Dimensions	,
Chip Size	4340
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
Т	4mm MAX
LL	2mm NOM
G	3mm +/-0.3mm

Specifications	
Inductance	10 uH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	7 A (Irms, 40C Rise By Self Heating), 7.5 A (Isat, 20% Drop In Inductance), 10.5 A (Isat, 30% Drop In Inductance)
DC Resistance	34.1 mOhms
Self-Resonant Frequency	11 MHz

Packaging Specifications		
Typical Component Weight	2.2 g	
Packaging	T&R, 330mm	
Packaging Quantity	500	

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