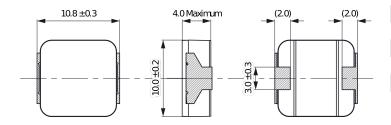


## MPEV1D1040L150

Aliases (UPI2X11040E150)

**General Information** 

KEMET, MPEV, Metal Composite, 20%, 15 uH, 4340



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

Specifications	
Inductance	15 uH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	5.7 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	51.2 mOhms
Self-Resonant Frequency	8 MHz

Click here for the 3D model.

Dimensions	
Chip Size	4340
AEC-Q200	Yes
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
Т	4mm MAX
G	3mm +/-0.3mm

## Packaging Specifications

5 5 1	
Typical Component Weight	2.2 g
Packaging	T&R, 330mm
Packaging Quantity	500

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.