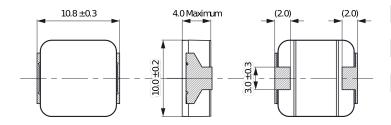


MPEV1D1040L150

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

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