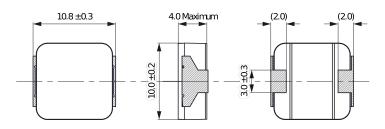


**MPEV1D1040L470** Aliases (UPI2X11040E470)

KEMET, MPEV, Power, 47 uH, 20%, 4340



General Information	
Series	MPEV
Style	SMD
Chip Size	4340
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	
L	10.8mm +/-0.3mm
W	10mm +/-0.2mm
т	4mm MAX
LL	2mm NOM
G	3mm +/-0.3mm

## Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	500

Specifications	
Inductance	47 uH
Inductance Tolerance	20%
Temperature Range	-55/+180°C
Shielded	Yes
Current	3 A (Irms, 40C Rise By Self Heating), 3 A (Isat, 20% Drop In Inductance), 4 A (Isat, 30% Drop In Inductance)
DC Resistance	182.6 mOhms
Self-Resonant Frequency	4.5 MHz

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