

**Sample Kit Contents**

KEMET Part Number	Current (A)	Inductance (μH)	Inductance Tolerance	Temperature Range	DC Resistance (mOhms)
<b>MPLCV</b>					
MPLCV0645L100	6.5	10	0.2	-55/+155°C	45
MPLCV0654L220	4.2	22	0.2	-55/+155°C	94
MPLCV0654L330	4	33	0.2	-55/+155°C	140
MPLCV0654L470	3	47	0.2	-55/+155°C	175
MPLCV0654L4R7	10.5	4.7	0.2	-55/+155°C	20
MPLCV1054L100	12	10	0.2	-55/+155°C	25
MPLCV1054L220	7	22	0.2	-55/+155°C	47
<b>MPCV</b>					
MPCV1060LR68	38	0.68	0.2	-55/+155°C	1.4
MPCV1060L1R0	35	1	0.2	-55/+155°C	1.7
MPCV1060L1R5	27	1.5	0.2	-55/+155°C	2.5
MPCV1260L1R0	42	1	0.2	-55/+155°C	1.5
MPCV1260L1R5	35	1.5	0.2	-55/+155°C	2.1

**Dimensions**

Case Size	Dimensions (mm)	Land Pattern (mm)
MPLCV0645		
MPLCV0654		
MPLCV1054		

## Dimensions cont.

Case Size	Dimensions (mm)	Land Pattern (mm)
MPCV1060	<p>Technical drawing of MPCV1060 inductor showing top, side, and end views. Dimensions: 12.0 maximum (width), 6.0 maximum (height), (2.1) (lead width), 10.0 ±0.3 (height), and 3.0 ±0.5 (lead height).</p>	<p>Land pattern diagram for MPCV1060 showing a 3.6 mm wide pad with 3.3 mm spacing and 5.9 mm center-to-center distance.</p>
MPCV1260	<p>Technical drawing of MPCV1260 inductor showing top, side, and end views. Dimensions: 14.5 maximum (width), 6.0 maximum (height), (2.2) (lead width), 12.5 ±0.3 (height), and 3.0 ±0.5 (lead height).</p>	<p>Land pattern diagram for MPCV1260 showing a 3.6 mm wide pad with 3.4 mm spacing and 8.6 mm center-to-center distance.</p>

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