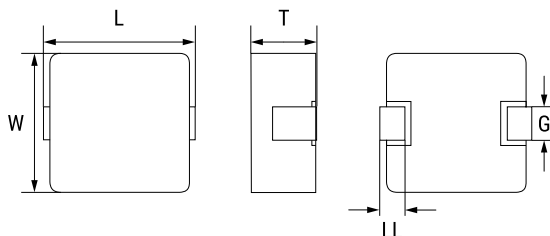


KEMET Part Number: MPCV1060LR68
(UPIV1060LR6800)

KEMET, MPCV, Power, 680 nH, 20%



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

| Dimensions | |
|------------------|---------------|
| Chip Size | 4739 |
| L | 12mm MAX |
| W | 10mm +/-0.3mm |
| T | 6mm MAX |
| LL | 2.1mm NOM |
| G | 3mm +/-0.5mm |

| Specifications | |
|------------------------------|--|
| Inductance: | 0.68 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -55/+155C |
| Shielded: | Yes |
| Current: | 38 A (Isat, 30% Drop In Inductance), 32 A (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 1.4 mOhms |

| Packaging Specifications | |
|----------------------------|------------|
| Packaging: | T&R, 380mm |
| Packaging Quantity: | 500 |

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