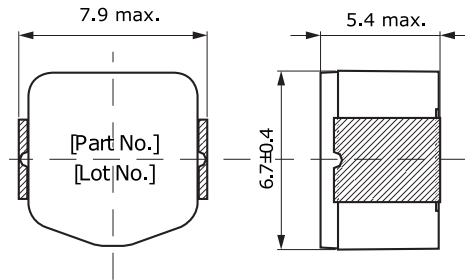


KEMET, MPLCV, Power, 47 uH, 20%



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

| Dimensions | |
|------------|----------------|
| Chip Size | 3126 |
| L | 7.9mm MAX |
| W | 6.7mm +/-0.4mm |
| T | 5.4mm MAX |

| Specifications | |
|-----------------------|--|
| Inductance: | 47 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -55/+155C |
| Shielded: | Yes |
| Current: | 3 A (Isat, 30% Drop In Inductance), 2.1 A (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 175 mOhms |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | T&R, 380mm |
| Packaging Quantity: | 1000 |