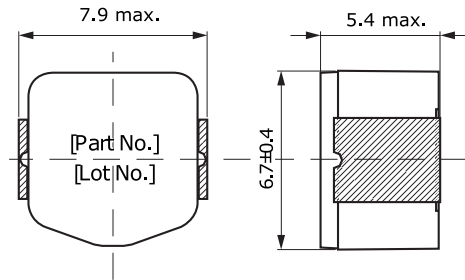


KEMET Part Number: MPLCV0654L4R7
(UPIT0654L4R700)

KEMET, MPLCV, Power, 4700 nH, 20%



Dimensions

| | |
|----------|----------------|
| L | 7.9mm MAX |
| W | 6.7mm +/-0.4mm |
| T | 5.4mm MAX |

Packaging Specifications

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

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. |

Specifications

| | |
|------------------------------|---|
| Inductance: | 4.7 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -55/+155°C |
| Shielded: | Yes |
| Current: | 10.5 A (Isat, 30% Drop In Inductance), 6.3 A (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 20 mOhms |