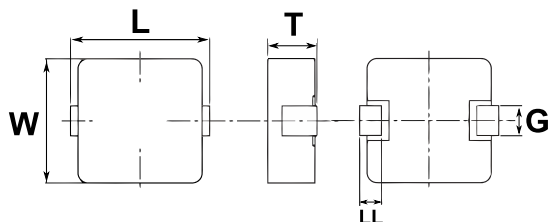


KEMET Part Number: MPC1250LR36C Not for New Design
(UPIA1250LR36C0)

KEMET, MPC, Power, 360 nH, 20%



Dimensions

| Chip Size | 5749 |
|-----------|-----------------|
| L | 14.5mm MAX |
| W | 12.5mm +/-0.3mm |
| T | 5mm MAX |
| LL | 2.2mm NOM |
| G | 3mm +/-0.5mm |

Packaging Specifications

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

General Information

| | |
|--------------|---|
| Series: | MPC |
| Style: | SMD |
| Description: | Shielded, Surface Mount Inductor |
| Features: | High Speed, Large Current DC/DC Converter |
| RoHS: | Yes |
| Core: | Composite |

Specifications

| | |
|-----------------------|--|
| Inductance: | 0.36 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -40/+125C |
| Rated Temperature: | 120C |
| Shielded: | Yes |
| Current: | 40 Amps (Isat, 20% Drop In Inductance), 38 Amps (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 0.65 mOhms |