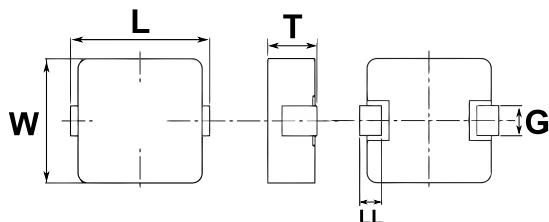


KEMET Part Number: MPCH1055L1R3
(UPIC1055L1R300)

Power, MPCH, 1300 nH, 20%



Dimensions

| Dimensions | |
|------------|---------------|
| Chip Size | 4639 |
| L | 11.7mm MAX |
| W | 10mm +/-0.3mm |
| T | 5.5mm MAX |
| LL | 2.1mm NOM |
| G | 3mm +/-0.5mm |

Packaging Specifications

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

General Information

| | |
|--------------|----------------------------------|
| Style: | SMD Chip |
| Series: | MPCH |
| Description: | Shielded, Surface Mount Inductor |
| Features: | Large Current Inductors |
| RoHS: | Yes |
| Core: | Composite |

Specifications

| | |
|-----------------------|------------------------------------------------------------------------------------------|
| Inductance: | 1.3 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -20/+120C |
| Shielded: | Yes |
| Current: | 17000 mAmps (Isat, 20% Drop In Inductance), 18500 mAmps (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 2.3 mOhms |