



Click [here](#) for the 3D model.

Dimensions

| | |
|----|----------------|
| L | 7.5mm MAX |
| W | 6.7mm +/-0.2mm |
| T | 3mm MAX |
| LL | 1.4mm NOM |
| G | 3.2mm +/-0.2mm |

Packaging Specifications

| | |
|--------------------|------------|
| Packaging | T&R, 380mm |
| Packaging Quantity | 2000 |

General Information

| | |
|---------------|------------------------------|
| Series | MPLCG |
| Style | SMD |
| Chip Size | 0630(2826) |
| Description | Surface Mount Inductor |
| Features | Large Current Inductors |
| RoHS | Yes |
| Core | Composite |
| Miscellaneous | 40 (K) Temperature Rise Max. |

Specifications

| | |
|----------------------|--|
| Inductance | 6.8 uH |
| Inductance Tolerance | 20% |
| Temperature Range | -40/+125°C |
| Rated Temperature | 120°C |
| Shielded | Yes |
| Current | 4.8 A (Isat, 20% Drop In Inductance), 4.4 A (Irms, 40C Rise By Self Heating) |
| DC Resistance | 63.9 mOhms |