



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

| Dimensions |                |
|------------|----------------|
| Chip Size  | 0530(2120)     |
| L          | 5.5mm MAX      |
| W          | 5mm +/-0.2mm   |
| T          | 3mm MAX        |
| LL         | 1.1mm NOM      |
| G          | 2.5mm +/-0.2mm |

| Packaging Specifications |            |
|--------------------------|------------|
| Typical Component Weight | 350 mg     |
| Packaging                | T&R, 380mm |
| Packaging Quantity       | 3500       |

| General Information |                                  |
|---------------------|----------------------------------|
| Series              | MPLCG                            |
| Style               | Metal Composite                  |
| Description         | Shielded, Surface Mount Inductor |
| Features            | Large Current Inductors          |
| RoHS                | Yes                              |
| Core                | Composite                        |
| Miscellaneous       | 40 (K) Temperature Rise Max.     |

| Specifications       |  |
|----------------------|--|
| Inductance           | 2200 nH  |
| Inductance Tolerance | 20%  |
| Temperature Range    | -40/+125°C   |
| Rated Temperature    | 120°C  |
| Shielded             | Yes  |
| Current              | 5 A (Isat, 20% Drop In Inductance), 4.5 A (Irms, 40C Rise By Self Heating) |
| DC Resistance        | 36.4 mOhms   |

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