



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

### Dimensions

|    |                |
|----|----------------|
| L  | 5.3mm +/-0.2mm |
| W  | 5mm +/-0.2mm   |
| T  | 3mm MAX        |
| LL | 1mm NOM        |
| G  | 2.5mm +/-0.2mm |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 330mm |
| Packaging Quantity | 2500       |

### General Information

|               |                              |
|---------------|------------------------------|
| Series        | MPX                          |
| Style         | SMD                          |
| Chip Size     | 0530(2120)                   |
| Description   | Surface Mount Inductor       |
| Features      | Power Inductors              |
| RoHS          | Yes                          |
| Core          | Composite                    |
| Miscellaneous | 40 (K) Temperature Rise Max. |

### Specifications

|                         |  |
|-------------------------|--|
| Inductance              | 2.2 uH   |
| Inductance Tolerance    | 20%  |
| Temperature Range       | -55/+155°C   |
| Shielded                | Yes  |
| Current                 | 7.3 A (Irms, 40C Rise By Self Heating), 4.5 A (Isat, 20% Drop In Inductance), 6.5 A (Isat, 30% Drop In Inductance) |
| DC Resistance           | 24.6 mOhms   |
| Self-Resonant Frequency | 35 MHz   |