



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

| Dimensions | |
|------------|-----------------|
| Chip Size | 1260(5749) |
| AEC-Q200 | Yes |
| L | 14.5mm MAX |
| W | 12.5mm +/-0.3mm |
| T | 6mm MAX |
| G | 3mm +/-0.5mm |

| Packaging Specifications | |
|--------------------------|------------|
| Typical Component Weight | 5.5 g |
| Packaging | T&R, 330mm |
| Packaging Quantity | 300 |

| General Information | |
|---------------------|------------------------------|
| Series | MPCV |
| Style | SMD Molded |
| Core | Metal Composite |
| Description | Surface Mount Inductor |
| Features | Power Inductors |
| RoHS | Yes |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Miscellaneous | 40 (K) Temperature Rise Max. |

| Specifications | |
|----------------------|--|
| Inductance | 1000 nH |
| Inductance Tolerance | 20% |
| Temperature Range | -55/+155°C |
| Shielded | Yes |
| Current | 42 A (Isat, 30% Drop In Inductance), 32 A (Irms, 40C Rise By Self Heating) |
| DC Resistance | 1.5 mOhms |