



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

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 4340            |
| AEC-Q200   | Yes             |
| L          | 10.8mm +/-0.3mm |
| W          | 10mm +/-0.2mm   |
| T          | 4mm MAX         |
| G          | 3mm +/-0.3mm    |

| Packaging Specifications |            |
|--------------------------|------------|
| Typical Component Weight | 2.2 g      |
| Packaging                | T&R, 330mm |
| Packaging Quantity       | 500        |

| General Information |                              |
|---------------------|------------------------------|
| Series              | MPEV                         |
| 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              | 22 uH  |
| Inductance Tolerance    | 20%  |
| Temperature Range       | -55/+180°C   |
| Shielded                | Yes  |
| Current                 | 4.7 A (Irms, 40C Rise By Self Heating), 5 A (Isat, 20% Drop In Inductance), 7 A (Isat, 30% Drop In Inductance) |
| DC Resistance           | 76.1 mOhms   |
| Self-Resonant Frequency | 7 MHz  |