

No Drawing Available.
Click [here](#) for the 3D model.

| Dimensions | |
|------------|-----------------|
| Chip Size | 4340 |
| L | 10.8mm +/-0.3mm |
| W | 10mm +/-0.2mm |
| T | 4mm MAX |
| LL | 2mm NOM |
| G | 4.7mm +/-0.3mm |

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

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

| Specifications | |
|-------------------------|---|
| Inductance | 680 nH |
| Inductance Tolerance | 20% |
| Temperature Range | -55/+180°C |
| Shielded | Yes |
| Current | 23.1 A (Irms, 40C Rise By Self Heating), 23 A (Isat, 20% Drop In Inductance), 34.5 A (Isat, 30% Drop In Inductance) |
| DC Resistance | 3.2 mOhms |
| Self-Resonant Frequency | 47 MHz |

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