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### Dimensions

|    |                 |
|----|-----------------|
| L  | 10.8mm +/-0.3mm |
| W  | 10mm +/-0.2mm   |
| T  | 4mm MAX         |
| LL | 2mm NOM         |
| G  | 3mm +/-0.3mm    |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 330mm |
| Packaging Quantity | 500        |

### General Information

|                |                              |
|----------------|------------------------------|
| Series         | MPEV                         |
| Style          | SMD                          |
| Chip Size      | 4340                         |
| Description    | Surface Mount Inductor       |
| Features       | Power Inductors              |
| Qualifications | AEC-Q200                     |
| AEC-Q200       | Yes                          |
| Core           | Composite                    |
| Miscellaneous  | 40 (K) Temperature Rise Max. |

### Specifications

|                         |   |
|-------------------------|---|
| Inductance              | 4.7 uH  |
| Inductance Tolerance    | 20%   |
| Temperature Range       | -55/+180°C  |
| Shielded                | Yes   |
| Current                 | 10.3 A (Irms, 40C Rise By Self Heating), 10 A (Isat, 20% Drop In Inductance), 14 A (Isat, 30% Drop In Inductance) |
| DC Resistance           | 15.9 mOhms  |
| Self-Resonant Frequency | 17 MHz  |

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