



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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 17mm +/-0.5mm   |
| W  | 17.1mm +/-0.5mm |
| T  | 4mm MAX         |
| LL | 2.1mm NOM       |
| G  | 11.9mm NOM      |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 330mm |
| Packaging Quantity | 100        |

### General Information

|                |                              |
|----------------|------------------------------|
| Series         | MPXV                         |
| Style          | SMD                          |
| Chip Size      | 1740(6868)                   |
| 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              | 2.2 uH  |
| Inductance Tolerance    | 20%   |
| Temperature Range       | -55/+155°C  |
| Shielded                | Yes   |
| Current                 | 20.5 A (Irms, 40C Rise By Self Heating), 19.5 A (Isat, 20% Drop In Inductance), 28 A (Isat, 30% Drop In Inductance) |
| DC Resistance           | 5 mOhms   |
| Self-Resonant Frequency | 17 MHz  |