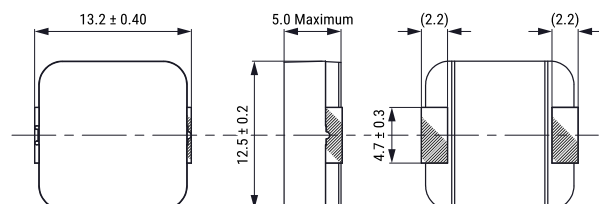


KEMET, MPXV, Power, 330 nH, 20%



### Dimensions

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 13.2mm +/-0.4mm |
| <b>W</b>  | 12.5mm +/-0.2mm |
| <b>T</b>  | 5mm MAX         |
| <b>LL</b> | 2.2mm NOM       |
| <b>G</b>  | 4.7mm +/-0.3mm  |

### Packaging Specifications

|                            |            |
|----------------------------|------------|
| <b>Packaging:</b>          | T&R, 330mm |
| <b>Packaging Quantity:</b> | 250        |

### General Information

|                        |                              |
|------------------------|------------------------------|
| <b>Series:</b>         | MPXV                         |
| <b>Style:</b>          | SMD                          |
| <b>Description:</b>    | Surface Mount Inductor       |
| <b>Features:</b>       | Power Inductors              |
| <b>Qualifications:</b> | AEC-Q200                     |
| <b>AEC-Q200:</b>       | Yes                          |
| <b>Core:</b>           | Composite                    |
| <b>Miscellaneous:</b>  | 40 (K) Temperature Rise Max. |

### Specifications

|                                 |                                                                                                                   |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Inductance:</b>              | 0.33 uH (100 KHz)                                                                                                 |
| <b>Inductance Tolerance:</b>    | 20%                                                                                                               |
| <b>Temperature Range:</b>       | -55/+155°C                                                                                                        |
| <b>Shielded:</b>                | Yes                                                                                                               |
| <b>Current:</b>                 | 41.6 A (Irms, 40C Rise By Self Heating), 45 A (Isat, 20% Drop In Inductance), 65 A (Isat, 30% Drop In Inductance) |
| <b>DC Resistance:</b>           | 1.3 mOhms                                                                                                         |
| <b>Self-Resonant Frequency:</b> | 68 MHz                                                                                                            |