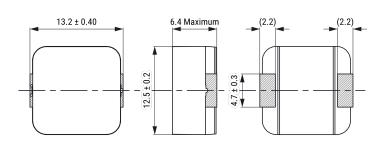


MPXV1D1264L6R8 Aliases (UPI2X11264V6R8)

KEMET, MPXV, Power, 6.8 uH, 20%, 1264(5350)



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 13.2mm +/-0.4mm |
| W          | 12.5mm +/-0.2mm |
| Т          | 6.4mm MAX       |
| LL         | 2.2mm NOM       |
| G          | 4.7mm +/-0.3mm  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Packaging                | T&R, 330mm |  |
| Packaging Quantity       | 250        |  |

| General Information |                              |  |
|---------------------|------------------------------|--|
| Series              | MPXV                         |  |
| Style               | SMD                          |  |
| Chip Size           | 1264(5350)                   |  |
| 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                 | 6.8 uH  |
| Inductance<br>Tolerance    | 20%   |
| Temperature<br>Range       | -55/+155°C  |
| Shielded                   | Yes   |
| Current                    | 14 A (Irms, 40C Rise By Self Heating), 11.5 A (Isat, 20% Drop In Inductance), 16 A (Isat, 30% Drop In Inductance) |
| DC Resistance              | 12.3 mOhms  |
| Self-Resonant<br>Frequency | 10 MHz  |

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