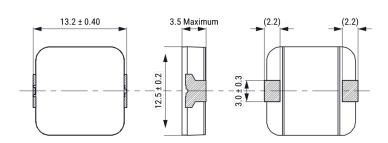


MPXV1D1235L6R8 Aliases (UPI2X11235V6R8)

KEMET, MPXV, Power, 6.8 uH, 20%, 1235(5350)



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| L | 13.2mm +/-0.4mm |
| W | 12.5mm +/-0.2mm |
| Т | 3.5mm MAX |
| LL | 2.2mm NOM |
| G | 3mm +/-0.3mm |

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

| General Information | |
|---------------------|------------------------------|
| Series | MPXV |
| Style | SMD |
| Chip Size | 1235(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 Tolerance | 20% |
| Temperature Range | -55/+155°C |
| Shielded | Yes |
| Current | 9.4 A (Irms, 40C Rise By Self Heating), 9.5 A (Isat, 20% Drop In Inductance), 14 A (Isat, 30% Drop In Inductance) |
| DC Resistance | 21.7 mOhms |
| Self-Resonant Frequency | 12 MHz |

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