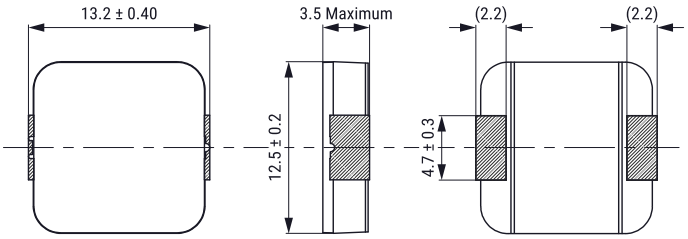
# MPX1D1235LR68

Aliases (UPI2X11235LR68)

KEMET, MPX, Metal Composite, 20%, 680 nH




| General Information | |
|---|---|
| Series | MPX |
| Style | SMD Molded |
| Core | Metal Composite |
| Description | Surface Mount Inductor |
| Features | Power Inductors |
| RoHS | Yes |
| Miscellaneous | 40 (K) Temperature Rise Max. |

Click here for the 3D model.

| Dimensions | |
|---|---|
| L | 13.2mm +/-0.4mm |
| W | 12.5mm +/-0.2mm |
| T | 3.5mm MAX |
| G | 4.7mm +/-0.3mm |

| Packaging Specifications | |
|---|---|
| Typical Component Weight | 2.9 g |
| Packaging | T&R, 330mm |
| Packaging Quantity | 500 |

| Specifications | |
|---|---|
| Inductance | 0.68 uH (0.1 MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 25.9 A (Irms, 40C Rise By Self Heating) |
| Saturation Current | 28 A (Isat, 20% Drop In Inductance), 40 A (Isat, 30% Drop In Inductance) |
| Temperature Range | -55/+155°C |
| Shielded | Yes |
| DC Resistance | 2.9 mOhms |
| DC Resistance | 2.9 mOhms |
| Self-Resonant Frequency | 46 MHz |

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