

MPX1D1770L3R3

Aliases (UPI2X11770L3R3)

KEMET, MPX, Power, 3.3 uH, 20%, 1770(6868)



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

Dimensions

| | |
|----|-----------------|
| L | 17mm +/-0.5mm |
| W | 17.1mm +/-0.5mm |
| T | 7mm MAX |
| LL | 2.1mm NOM |
| G | 11.9mm NOM |

Packaging Specifications

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

General Information

| | |
|---------------|------------------------------|
| Series | MPX |
| Style | SMD |
| Chip Size | 1770(6868) |
| Description | Surface Mount Inductor |
| Features | Power Inductors |
| RoHS | Yes |
| Core | Composite |
| Miscellaneous | 40 (K) Temperature Rise Max. |

Specifications

| | |
|-------------------------|---|
| Inductance | 3.3 uH |
| Inductance Tolerance | 20% |
| Temperature Range | -55/+155°C |
| Shielded | Yes |
| Current | 28 A (Irms, 40C Rise By Self Heating), 24 A (Isat, 20% Drop In Inductance), 30.5 A (Isat, 30% Drop In Inductance) |
| DC Resistance | 3.4 mOhms |
| Self-Resonant Frequency | 13 MHz |

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