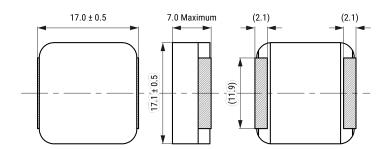


MPX1D1770L330

Aliases (UPI2X11770L330)

KEMET, MPX, Power, 33 uH, 20%, 1770(6868)



| 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. |

Click here for the 3D model.

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

| Specifications | |
|----------------------------|---|
| Inductance | 33 uH |
| Inductance Tolerance | 20% |
| Temperature Range | -55/+155°C |
| Shielded | Yes |
| Current | 7.5 A (Irms, 40C Rise By Self Heating), 8.5 A (Isat, 20% Drop In Inductance), 12 A (Isat, 30% Drop In Inductance) |
| DC Resistance | 47.3 mOhms |
| Self-Resonant Frequency | 3.5 MHz |

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

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