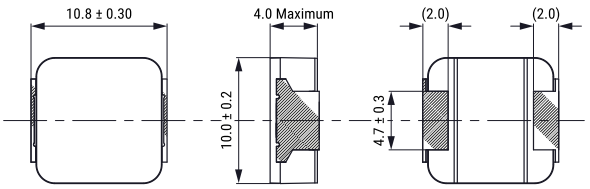
# KEMET Part Number: MPX1D1040LR33

KEMET, MPX, Power, 330 nH, 20%




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

| Dimensions | |
|---|---|
| **L** | 10.8mm +/-0.3mm |
| **W** | 10mm +/-0.2mm |
| **T** | 4mm MAX |
| **LL** | 2mm NOM |
| **G** | 4.7mm +/-0.3mm |

| Specifications | |
|---|---|
| **Inductance:** | 0.33 uH (0.1 MHz) |
| **Inductance Tolerance:** | 20% |
| **Temperature Range:** | -55/+155°C |
| **Shielded:** | Yes |
| **Current:** | 29.7 A (Irms, 40C Rise By Self Heating), 31 A (Isat, 20% Drop In Inductance), 47 A (Isat, 30% Drop In Inductance) |
| **DC Resistance:** | 1.9 mOhms |
| **Self-Resonant Frequency:** | 75 MHz |

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

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