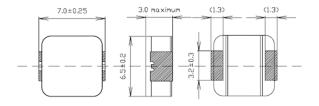
## **KEMET Part Number: MPX1D0630LR33**



## 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 |                |
|------------|----------------|
| Chip Size  | 2826           |
| L          | 7mm +/-0.25mm  |
| W          | 6.5mm +/-0.2mm |
| T          | 3mm MAX        |
| LL         | 1.3mm NOM      |
| G          | 3.2mm +/-0.3mm |

| Specifications        |  |
|-----------------------|--|
| Inductance:           | 0.33 uH (0.1 MHz)  |
| Inductance Tolerance: | 20%  |
| Temperature Range:    | -55/+155°C   |
| Shielded:             | Yes  |
| Current:              | 21.1 A (Isat, 30% Drop In<br>Inductance), 25 A (Irms, 40C<br>Rise By Self Heating) |
| DC Resistance:        | 3.2 mOhms  |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 330mm |
| Packaging Quantity:      | 1500       |

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