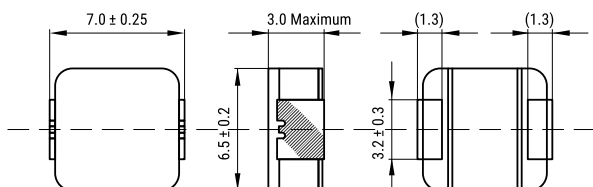


**KEMET Part Number: MPX1D0630L2R2**  
(UPI2X10630L2R2)

KEMET, MPX, Power, 2.2 uH, 20%, 0630(2826)



**Dimensions**

|           |                |
|-----------|----------------|
| <b>L</b>  | 7mm +/-0.25mm  |
| <b>W</b>  | 6.5mm +/-0.2mm |
| <b>T</b>  | 3mm MAX        |
| <b>LL</b> | 1.3mm NOM      |
| <b>G</b>  | 3.2mm +/-0.3mm |

**Packaging Specifications**

|                            |            |
|----------------------------|------------|
| <b>Packaging:</b>          | T&R, 330mm |
| <b>Packaging Quantity:</b> | 1500       |

**General Information**

|                       |                              |
|-----------------------|------------------------------|
| <b>Series:</b>        | MPX                          |
| <b>Style:</b>         | SMD                          |
| <b>Chip Size:</b>     | 0630(2826)                   |
| <b>Description:</b>   | Surface Mount Inductor       |
| <b>Features:</b>      | Power Inductors              |
| <b>RoHS:</b>          | Yes                          |
| <b>Core:</b>          | Composite                    |
| <b>Miscellaneous:</b> | 40 (K) Temperature Rise Max. |

**Specifications**

|                                 |  |
|---------------------------------|--|
| <b>Inductance:</b>              | 2.2 uH (0.1 MHz)   |
| <b>Inductance Tolerance:</b>    | 20%  |
| <b>Temperature Range:</b>       | -55/+155°C   |
| <b>Shielded:</b>                | Yes  |
| <b>Current:</b>                 | 8.7 A (Irms, 40C Rise By Self Heating), 6.5 A (Isat, 20% Drop In Inductance), 9 A (Isat, 30% Drop In Inductance) |
| <b>DC Resistance:</b>           | 18.3 mOhms   |
| <b>Self-Resonant Frequency:</b> | 30 MHz   |