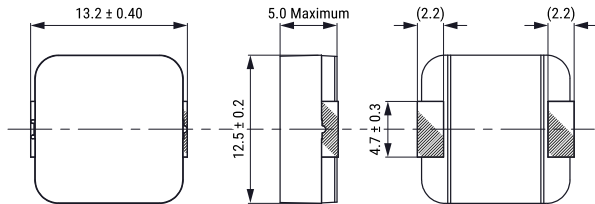


KEMET, MPX, Power, 1500 nH, 20%



**Dimensions**

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 13.2mm +/-0.4mm |
| <b>W</b>  | 12.5mm +/-0.2mm |
| <b>T</b>  | 5mm MAX         |
| <b>LL</b> | 2.2mm NOM       |
| <b>G</b>  | 4.7mm +/-0.3mm  |

**Packaging Specifications**

|                            |            |
|----------------------------|------------|
| <b>Packaging:</b>          | T&R, 330mm |
| <b>Packaging Quantity:</b> | 250        |

**General Information**

|                       |                              |
|-----------------------|------------------------------|
| <b>Series:</b>        | MPX                          |
| <b>Style:</b>         | SMD                          |
| <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>              | 1.5 uH (0.1 MHz)  |
| <b>Inductance Tolerance:</b>    | 20%   |
| <b>Temperature Range:</b>       | -55/+155°C  |
| <b>Shielded:</b>                | Yes   |
| <b>Current:</b>                 | 24.2 A (Irms, 40C Rise By Self Heating), 22 A (Isat, 20% Drop In Inductance), 32 A (Isat, 30% Drop In Inductance) |
| <b>DC Resistance:</b>           | 3.6 mOhms   |
| <b>Self-Resonant Frequency:</b> | 25 MHz  |

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