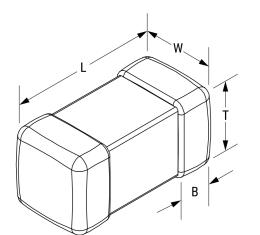


## L0806C4R7MDWIT

Aliases (L0806C4R7MDWIT) Not for New Design KEMET, L-DWI, Power, 4.7 uH, 20%



Click here for the 3D model.

| Dimensions |                |
|------------|----------------|
| Chip Size  | 0806           |
| L          | 2mm +/-0.2mm   |
| W          | 1.6mm +/-0.2mm |
| Т          | 1.6mm +/-0.2mm |
| LL         | 0.5mm +/-0.2mm |
| В          | 0.5mm +/-0.2mm |

| Packaging Specifications | ,    |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 2000 |

| General Information |                                |
|---------------------|--------------------------------|
| Series              | L-DWI                          |
| Style               | SMD Chip                       |
| Description         | Surface Mount Inductor         |
| Features            | High Current Type              |
| RoHS                | Yes                            |
| Notes               | Last Order Date June 30, 2023. |

| Specifications             |   |
|----------------------------|---|
| Inductance                 | 4.7 uH (7.96 MHz)   |
| Inductance<br>Tolerance    | 20%   |
| Temperature<br>Range       | -40/+105°C  |
| Current                    | 550 mAmps (Isat, 30% Drop In Inductance),<br>530 mAmps (Irms, 40C Rise By Self Heating) |
| DC Resistance              | 0.37 Ohms   |
| Self-Resonant<br>Frequency | 45 MHz  |

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