

## L1210R470MDWIT

Aliases (L1210R470MDWIT)

Obsolete

KEMET, L-DWI, Ferrite, 20%, 47 uH, 1210



Click [here](#) for the 3D model.

### General Information

|             |                                |
|-------------|--------------------------------|
| Series      | L-DWI                          |
| Style       | SMD Wire-Wound                 |
| Core        | Ferrite                        |
| Description | Surface Mount Inductor         |
| Features    | High Current Type              |
| RoHS        | Yes                            |
| Notes       | Last Order Date June 30, 2023. |

### Dimensions

|           |                |
|-----------|----------------|
| Chip Size | 1210           |
| L         | 3.2mm +/-0.2mm |
| W         | 2.5mm +/-0.2mm |
| T         | 2.5mm +/-0.2mm |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 1000 |

### Specifications

|                         |  |
|-------------------------|--|
| Inductance              | 47 uH (0.1 MHz)                            |
| Inductance Tolerance    | 20%  |
| Rated Current           | 480 mAmps (Irms, 40C Rise By Self Heating) |
| Saturation Current      | 390 mAmps (Isat, 30% Drop In Inductance)   |
| Temperature Range       | -40/+105°C                                 |
| DC Resistance           | 670 mOhms                                  |
| DC Resistance           | 0.67 Ohms                                  |
| Self-Resonant Frequency | 10 MHz                                     |

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