



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

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1235(5350)      |
| L          | 13.2mm +/-0.4mm |
| W          | 12.5mm +/-0.2mm |
| T          | 3.5mm MAX       |
| G          | 4.7mm +/-0.3mm  |

| Packaging Specifications |            |
|--------------------------|------------|
| Typical Component Weight | 2.9 g      |
| Packaging                | T&R, 330mm |
| Packaging Quantity       | 500        |

| General Information |                              |
|---------------------|------------------------------|
| Series              | MPX                          |
| Style               | SMD Molded                   |
| Core                | Metal Composite              |
| Description         | Surface Mount Inductor       |
| Features            | Power Inductors              |
| RoHS                | Yes                          |
| Miscellaneous       | 40 (K) Temperature Rise Max. |

| Specifications          |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| Inductance              | 470 nH                                                                                                            |
| Inductance Tolerance    | 20%                                                                                                               |
| Temperature Range       | -55/+155°C                                                                                                        |
| Shielded                | Yes                                                                                                               |
| Current                 | 28.9 A (Irms, 40C Rise By Self Heating), 31 A (Isat, 20% Drop In Inductance), 45 A (Isat, 30% Drop In Inductance) |
| DC Resistance           | 2.3 mOhms                                                                                                         |
| Self-Resonant Frequency | 58 MHz                                                                                                            |

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