



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

General Information

| | |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series | L-DWS |
| Style | SMD Wire-Wound |
| Core | Ferrite |
| Description | Surface Mount Inductor |
| Features | Standard Type |
| RoHS | Yes |
| Notes | Last Order Date June 30, 2023. Suggested Replacement - https://www.chilisin.com/en-global/Inductor/Product/BKPB_252010/BKPB002520103R3MA2 . |

Dimensions

| | |
|-----------|----------------|
| Chip Size | 1007 |
| L | 2.5mm +/-0.2mm |
| W | 1.8mm +/-0.2mm |
| T | 1.8mm +/-0.2mm |

Packaging Specifications

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

Specifications

| | |
|-------------------------|---------------------------------------------------------------------------------------|
| Inductance | 3.3 uH (7.96 MHz) |
| Inductance Tolerance | 20% |
| Inductance | 3300 nH |
| Temperature Range | -40/+105°C |
| Current | 440 mAmps (Isat, 30% Drop In Inductance), 1200 mAmps (Irms, 40C Rise By Self Heating) |
| DC Resistance | 110 mOhms |
| DC Resistance | 0.11 Ohms |
| Self-Resonant Frequency | 54 MHz MIN |

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