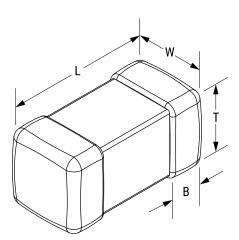


## L1007C1R5MDWST

Aliases (L1007C1R5MDWST)

Scheduled EOL - Last date to buy 30 JUN 2023 KEMET, L-DWS, Ferrite, 20%, 1,500 nH, 1007



| Click | here  | for | the | 3D | model |
|-------|-------|-----|-----|----|-------|
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| 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.<br>Suggested Replacement -<br>https://productfinder.pulseelect<br>ronics.com/part/BKPB<br>002520101R5MA2. |

| Dimensions               |                |  |  |  |
|--------------------------|----------------|--|--|--|
| Chip Size                | 1007           |  |  |  |
| L                        | 2.5mm +/-0.2mm |  |  |  |
| W                        | 1.8mm +/-0.2mm |  |  |  |
| Т                        | 1.8mm +/-0.2mm |  |  |  |
|                          |                |  |  |  |
| Packaging Specifications |                |  |  |  |
| Packaging                | T&R            |  |  |  |
| Packaging Quantity       | 2000           |  |  |  |

| Specifications          |  |
|-------------------------|--|
| Inductance              | 1.5 uH (7.96 MHz)                              |
| Inductance Tolerance    | 20%  |
| Rated Current           | 1400 mAmps (Irms, 40C Rise By<br>Self Heating) |
| Saturation Current      | 650 mAmps (Isat, 30% Drop In Inductance)       |
| Temperature Range       | -40/+105°C                                     |
| DC Resistance           | 70 mOhms                                       |
| DC Resistance           | 0.07 Ohms                                      |
| Self-Resonant Frequency | 80 MHz MIN                                     |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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