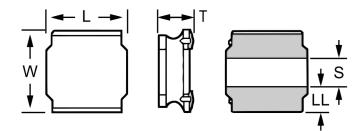


L4018C1RONDWDT Aliases (L4018C1RONDWDT)

KEMET, L-DWD, Power, 1 uH, 20%, 4018(1616)



| General Information |                                  |
|---------------------|----------------------------------|
| Series              | L-DWD                            |
| Style               | SMD                              |
| Chip Size           | 4018(1616)                       |
| Description         | Shielded, Surface Mount Inductor |
| Features            | Low Profile                      |
| RoHS                | Yes                              |

| Specifications          |                  |
|-------------------------|------------------|
| Inductance              | 1uH              |
| Inductance Tolerance    | 20%              |
| Temperature Range       | -25/+120°C       |
| Shielded                | Yes              |
| Current                 | 1830 mAmps (MAX) |
| DC Resistance           | 0.03 Ohms        |
| Self-Resonant Frequency | 80 MHz           |

Click here for the 3D model.

| Dimensions |                |
|------------|----------------|
| L          | 4mm +/-0.2mm   |
| W          | 4mm +/-0.2mm   |
| Т          | 1.8mm MAX      |
| S          | 2.5mm +/-0.2mm |
| LL         | 1.1mm +/-0.2mm |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | T&R  |  |
| Packaging Quantity       | 3500 |  |

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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