



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

### General Information

|                      |                         |
|----------------------|-------------------------|
| Supplier             | YAGEO                   |
| Series               | RL                      |
| Style                | SMD Chip                |
| Description          | Current Sensor resistor |
| RoHS                 | Yes                     |
| Termination          | Tin                     |
| Case Code (EIA / mm) | 0402 / 1005             |

### Dimensions

|    |                  |
|----|------------------|
| L  | 1mm +/-0.1mm     |
| W  | 0.5mm +/-0.05mm  |
| T  | 0.35mm +/-0.05mm |
| B1 | 0.2mm +/-0.1mm   |
| B2 | 0.25mm +/-0.1mm  |

### Packaging Specifications

|           |            |
|-----------|------------|
| Packaging | T&R, 178mm |
|-----------|------------|

### Specifications

|                      |   |
|----------------------|---|
| Resistance           | 100 mOhms   |
| Resistance Tolerance | 1%  |
| Power                | 0.063 W (70C)                                     |
| Temp. Coefficient    | -/+800 ppm/C                                      |
| Temperature Range    | -55/+155°C  |
| Voltage DC           | 0.1V (Max Continuous Voltage at Full Rated Power) |

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