



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

### General Information

|                      |                                 |
|----------------------|---------------------------------|
| Supplier             | YAGEO                           |
| Series               | RP                              |
| Style                | SMD Chip                        |
| Description          | Automotive Grade Thin Film Chip |
| RoHS                 | Yes                             |
| Termination          | Tin                             |
| Qualifications       | AEC-Q200                        |
| Case Code (EIA / mm) | 0402 / 1005                     |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 1mm +/-0.1mm    |
| W  | 0.5mm +/-0.05mm |
| T  | 0.3mm +/-0.05mm |
| B1 | 0.2mm +/-0.1mm  |
| B2 | 0.25mm +/-0.1mm |

### Packaging Specifications

|                    |                        |
|--------------------|------------------------|
| Packaging          | T&R, 178mm, Paper Tape |
| Packaging Quantity | 10000                  |

### Specifications

|                      |   |
|----------------------|---|
| Resistance           | 8.2 kOhms   |
| Resistance Tolerance | 0.1%  |
| Power                | 0.063 W (70C)   |
| Temp. Coefficient    | -/+25 ppm/C   |
| Temperature Range    | -55/+155°C  |
| Voltage DC           | 50 V (Max Continuous Voltage at Full Rated Power), 100 Max Over Voltage |

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