



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) | 0603 / 1608                     |

### Dimensions

|    |                  |
|----|------------------|
| L  | 1.6mm +/-0.1mm   |
| W  | 0.8mm +/-0.1mm   |
| T  | 0.45mm +/-0.1mm  |
| B1 | 0.25mm +/-0.15mm |
| B2 | 0.25mm +/-0.15mm |

### Packaging Specifications

|                    |                        |
|--------------------|------------------------|
| Packaging          | T&R, 178mm, Paper Tape |
| Packaging Quantity | 5000                   |

### Specifications

|                      |                                                                         |
|----------------------|-------------------------------------------------------------------------|
| Resistance           | 27 kOhms                                                                |
| Resistance Tolerance | 1%                                                                      |
| Power                | 0.1W (70C)                                                              |
| Temp. Coefficient    | -/+50 ppm/C                                                             |
| Temperature Range    | -55/+155°C                                                              |
| Voltage DC           | 75 V (Max Continuous Voltage at Full Rated Power), 150 Max Over Voltage |

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