



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

#### General Information

|                |                                 |
|----------------|---------------------------------|
| Supplier       | YAGEO                           |
| Series         | RP                              |
| Style          | SMD Chip                        |
| Technology     | Precision                       |
| Chip Size      | 0603                            |
| Description    | Automotive Grade Thin Film Chip |
| RoHS           | Yes                             |
| Termination    | Tin                             |
| Qualifications | AEC-Q200                        |
| AEC-Q200       | Yes                             |

#### 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           | 7.5 kOhms   |
| Resistance Tolerance | 0.1%  |
| Power                | 0.1 W (70C)   |
| Temp. Coefficient    | -/+25 ppm/C   |
| Temperature Range    | -55/+155°C  |
| Voltage DC           | 75 V (Max Continuous Voltage at Full Rated Power), 150 Max Over Voltage |
| Voltage DC           | 75 V  |

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