



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

### General Information

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Supplier             | YAGEO                                           |
| Series               | AF                                              |
| Style                | SMD Chip                                        |
| Description          | Automotive Grade, Anti-Sulfurated Chip Resistor |
| 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 |
|-----------|------------|

### Specifications

|                      |                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------|
| Resistance           | 5.1 kOhms                                                                                                    |
| Resistance Tolerance | 5%                                                                                                           |
| Power                | 0.1 W (70C)                                                                                                  |
| Temp. Coefficient    | -/+100 ppm/C                                                                                                 |
| Temperature Range    | -55/+155°C                                                                                                   |
| Voltage DC           | 75 V (Max Continuous Voltage at Full Rated Power), 150 Max Over Voltage, 150 Dielectric Withstanding Voltage |

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