



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) | 0402 / 1005                                     |

### Dimensions

|    |                  |
|----|------------------|
| L  | 1mm +/-0.05mm    |
| 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           | 3.01 kOhms                                                                                                   |
| Resistance Tolerance | 1%                                                                                                           |
| Power                | 0.063 W (70C)                                                                                                |
| Temp. Coefficient    | -/+100 ppm/C                                                                                                 |
| Temperature Range    | -55/+155°C                                                                                                   |
| Voltage DC           | 50 V (Max Continuous Voltage at Full Rated Power), 100 Max Over Voltage, 100 Dielectric Withstanding Voltage |