



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) | 0805 / 2012                                     |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 2mm +/-0.1mm    |
| W  | 1.25mm +/-0.1mm |
| T  | 0.5mm +/-0.1mm  |
| B1 | 0.35mm +/-0.2mm |
| B2 | 0.35mm +/-0.2mm |

### Packaging Specifications

|           |            |
|-----------|------------|
| Packaging | T&R, 178mm |
|-----------|------------|

### Specifications

|                      |                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------|
| Resistance           | 8.2 kOhms                                                                                                     |
| Resistance Tolerance | 1%                                                                                                            |
| Power                | 0.125 W (70C)                                                                                                 |
| Temp. Coefficient    | -/+100 ppm/C                                                                                                  |
| Temperature Range    | -55/+155°C                                                                                                    |
| Voltage DC           | 150 V (Max Continuous Voltage at Full Rated Power), 300 Max Over Voltage, 300 Dielectric Withstanding Voltage |

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