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## General Information

|                      |                                        |
|----------------------|----------------------------------------|
| Supplier             | YAGEO                                  |
| Series               | AC                                     |
| Style                | SMD Chip                               |
| Description          | Automotive Grade, Thick Film Resistors |
| RoHS                 | Yes                                    |
| Termination          | Tin                                    |
| Lead                 | Wrap Around, 3-Sided                   |
| Qualifications       | AEC-Q200                               |
| Case Code (EIA / mm) | 0402 / 1005                            |

## Dimensions

|    |                  |
|----|------------------|
| L  | 1mm +/-0.05mm    |
| W  | 0.5mm +/-0.05mm  |
| T  | 0.32mm +/-0.05mm |
| B1 | 0.2mm +/-0.1mm   |
| B2 | 0.25mm +/-0.1mm  |

## Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 10000      |

## Specifications

|                      |                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------|
| Resistance           | 510 Ohms                                                                                                     |
| 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 |

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