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#### General Information

|                |                                        |
|----------------|----------------------------------------|
| Supplier       | YAGEO                                  |
| Series         | AC                                     |
| Style          | SMD Chip                               |
| Technology     | Commercial Grade                       |
| Chip Size      | 0402                                   |
| Description    | Automotive Grade, Thick Film Resistors |
| RoHS           | Yes                                    |
| Termination    | Tin                                    |
| Lead           | Wrap Around, 3-Sided                   |
| Qualifications | AEC-Q200                               |
| AEC-Q200       | Yes                                    |

#### Specifications

|                      |                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------|
| Resistance           | 1.65 Ohms                                                                                                    |
| Resistance Tolerance | 1%                                                                                                           |
| Power                | 0.063 W (70C)                                                                                                |
| Temp. Coefficient    | -/+200 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 |
| Voltage DC           | 50 V                                                                                                         |

#### 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      |

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