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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) | 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 |
| Packaging Quantity | 5000       |

**Specifications**

|                      |  |
|----------------------|--|
| Resistance           | 82 Ohms  |
| Resistance Tolerance | 1%   |
| 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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