



**General Information**

|                      |   |
|----------------------|---|
| Supplier             | YAGEO   |
| Series               | PA2512_E  |
| Style                | SMD Chip  |
| Description          | Automotive Grade Metal Current Sensor - Low TCR Chip Resistor |
| RoHS                 | Yes   |
| Termination          | Tin   |
| Qualifications       | AEC-Q200  |
| Case Code (EIA / mm) | 2512 / 6332   |

**Dimensions**

|    |                  |
|----|------------------|
| L  | 6.35mm +/-0.25mm |
| W  | 3.18mm +/-0.25mm |
| T  | 0.63mm +/-0.25mm |
| B1 | 0.76mm +/-0.25mm |
| B2 | 0.76mm +/-0.25mm |

**Specifications**

|                      |  |
|----------------------|--|
| Resistance           | 56 mOhms   |
| Resistance Tolerance | 1%   |
| Power                | 1 W (70C)  |
| Temp. Coefficient    | -/+100 ppm/C                                       |
| Temperature Range    | -55/+170°C   |
| Voltage DC           | 0.2 V (Max Continuous Voltage at Full Rated Power) |

**Packaging Specifications**

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

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