



General Information

|                      |                                                                     |
|----------------------|---------------------------------------------------------------------|
| Supplier             | YAGEO                                                               |
| Series               | PE                                                                  |
| Style                | SMD Chip                                                            |
| Description          | Automotive Grade Metal<br>Current Sensor - Low TCR Chip<br>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  | 0.64mm +/-0.25mm |
| B1 | 0.76mm +/-0.25mm |
| B2 | 0.76mm +/-0.25mm |

Packaging Specifications

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

Specifications

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Resistance           | 40 mOhms                                              |
| Resistance Tolerance | 1%                                                    |
| Power                | 2 W (70C)                                             |
| Temp. Coefficient    | -/+75 ppm/C                                           |
| Temperature Range    | -55/+170°C                                            |
| Voltage DC           | 0.3 V (Max Continuous Voltage<br>at Full Rated Power) |

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