



General Information

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| Supplier             | YAGEO                                                         |
| Series               | PE                                                            |
| Style                | SMD Chip                                                      |
| Description          | Automotive Grade Metal Current Sensor - Low TCR Chip Resistor |
| RoHS                 | Yes                                                           |
| Termination          | Tin                                                           |
| Qualifications       | AEC-Q200                                                      |
| Case Code (EIA / mm) | 2010 / 5025                                                   |

Dimensions

|    |                  |
|----|------------------|
| L  | 5.08mm +/-0.25mm |
| W  | 2.54mm +/-0.25mm |
| T  | 0.64mm +/-0.25mm |
| B1 | 1.47mm +/-0.25mm |
| B2 | 1.47mm +/-0.25mm |

Packaging Specifications

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

Specifications

|                      |                                                    |
|----------------------|----------------------------------------------------|
| Resistance           | 50 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) |

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