



### 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  | 5mm +/-0.1mm    |
| W  | 2.5mm +/-0.15mm |
| T  | 0.55mm +/-0.1mm |
| B1 | 0.45mm +/-0.2mm |
| B2 | 0.55mm +/-0.2mm |

### Packaging Specifications

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

### Specifications

|                      |  |
|----------------------|--|
| Resistance           | 500 mOhms  |
| Resistance Tolerance | 1%   |
| Power                | 1W (70C)   |
| Temp. Coefficient    | -/+75 ppm/C  |
| Temperature Range    | -55/+170°C   |
| Voltage DC           | 0.7 V (Max Continuous Voltage at Full Rated Power) |

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