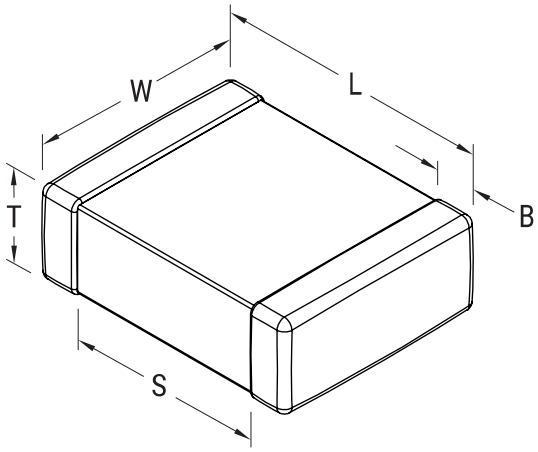
# C1812C185J1RACAUTO

SMD Auto X7R, Ceramic, 1.8 uF, 5%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 1812 / 4532




Click here for the 3D model.

| General Information | |
|---|---|
| Series | SMD Auto X7R |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Automotive Grade |
| Features | Temperature Stable, Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Qualifications | AEC-Q200 |
| Typical Component Weight | 95 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 4.5mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| T | 1.3mm +/-0.10mm |
| S | 2.3mm MIN |
| B | 0.6mm +/-0.35mm |
| Case Code (EIA / mm) | 1812 / 4532 |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 1000 |

| Specifications | |
|---|---|
| Capacitance | 1.8 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 5% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 555.6 MOhms |

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