

T489D226K020ATA650

T489 Auto, Tantalum, MnO₂ Tantalum, Commercial Grade, 22 uF, 10%, 20 VDC, SMD, MnO₂, Molded, Low Leakage, Auto, AEC-Q200, 650 mOhms, 7343, 3.1 mm, 1.3 mm



Click [here](#) for the 3D model.

General Information

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|--------------------------|---|
| Series | T489 Auto |
| Dielectric | MnO ₂ Tantalum |
| Style | SMD Chip |
| Description | SMD, MnO ₂ , Molded, Low Leakage, Auto, AEC-Q200 |
| Features | Low Leakage, Automotive |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 446.844 mg |

Dimensions

| | |
|---|--------------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| P | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm REF |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 500 |

Specifications

| | |
|--------------------|-------------------------------|
| Capacitance | 22 uF |
| Tolerance | 10% |
| Voltage DC | 20 VDC (85C), 13.4 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 6% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 650 mOhms (100kHz 25C) |
| Ripple Current | 480 mA (rms, 100kHz 25C) |
| Leakage Current | 3.3 uA (5min 25°C) |

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