

T598B225M035AHS200

T598, Tantalum, Polymer Tantalum, 2.2 uF, 20%, 35 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 200 mOhms, 3528, Height Max = 2.1mm

CATHODE (-) END VIEW SIDE VIEW ANODE (+) END VIEW BOTTOM VIEW Termination cutout at KEMET's option, either end

| Dimensions | |
|------------|-----------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| Н | 1.9mm +/-0.2mm |
| Т | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| Α | 1.1mm MIN |
| В | 0.4mm +/-0.15mm |
| Р | 0.5mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 2000 |

| General Information | |
|---------------------|--|
| Series | T598 |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, Low ESR, AEC-Q200 |
| Features | Automotive (Surge testing at 25C / 10 cycles) |
| RoHS | No |
| Prop 65 | ▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov. |
| SCIP Number | b064b03e-bd75-42af-b342-1fe94dec2340 |
| Termination | Solder Coated |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 94.9 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

| Specifications | |
|--------------------------|--|
| Capacitance | 2.2 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 35 VDC (105C), 18.9 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Humidity | 85C, 85% RH, load, 1000 Hours |
| Dissipation Factor | 8% 120Hz 25C |
| Failure Rate | N/A |
| Resistance | 200 mOhms (100kHz 25C) |
| Ripple Current | 820 mA (rms, 100kHz 45C), 574 mA (rms, 105C), 205 mA (rms, 125C) |
| Leakage Current | 7.7 uA (5min 25°C) |

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