

## T521W226M020ATE055

T521, Tantalum, Polymer Tantalum, 22 uF, 20%, 20 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 55 mOhms, 7343, Height Max = 1.5mm

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



Termination cutout at KEMET's option, either end

BOTTOM VIEW



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

### Dimensions

|           |                |
|-----------|----------------|
| Footprint | 7343           |
| L         | 7.3mm +/-0.3mm |
| W         | 4.3mm +/-0.3mm |
| H         | 1.4mm +/-0.1mm |
| T         | 0.13mm REF     |
| S         | 1.3mm +/-0.3mm |
| F         | 2.4mm +/-0.1mm |
| A         | 3.6mm MIN      |
| X         | 0.05mm REF     |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 178mm |
| Packaging Quantity | 1000       |

### General Information

|                  |   |
|------------------|---|
| Series           | T521  |
| Dielectric       | Polymer Tantalum                                      |
| Style            | SMD Chip  |
| Description      | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| Features         | Low ESR, High Voltage                                 |
| RoHS             | Yes   |
| Termination      | Tin   |
| AEC-Q200         | No  |
| Component Weight | 222.95 mg   |
| Shelf Life       | 52 Weeks  |
| MSL              | 3   |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 22 uF   |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 20 VDC (105C)   |
| Temperature Range     | -55/+105°C  |
| Rated Temperature     | 105°C   |
| Life                  | 2000 Hrs (105C)   |
| Humidity              | 60C, 90% RH, 500 Hours, No Load                                     |
| Dissipation Factor    | 10% 120Hz 25C   |
| Failure Rate          | N/A   |
| Resistance            | 55 mOhms (100kHz 25C)   |
| Ripple Current        | 2150 mA (rms, 100kHz 45C), 1505 mA (rms, 85C), 537.5 mA (rms, 105C) |
| Leakage Current       | 44 uA (5min 25°C)   |

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