

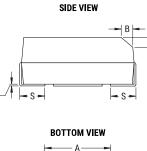
## T521X477M016ATK020

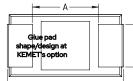
T521, Tantalum, Polymer Tantalum, Commercial Grade, 470 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 20 mOhms, 7343, 4.3 mm, 1.3 mm

CATHODE (-) END VIEW



ANODE (+) END VIEW





Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 7.3mm +/-0.3mm     |
| W          | 4.3mm +/-0.3mm     |
| Н          | 4mm +/-0.3mm       |
| т          | 0.13mm REF         |
| S          | 1.3mm +/-0.3mm     |
| F          | 2.4mm +/-0.1mm     |
| Α          | 3.8mm MIN          |
| В          | 0.5mm +/-0.15mm    |
| Р          | 1.7mm REF          |
| R          | 1mm REF            |
| х          | 0.1mm +/-0.1mm REF |

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

| General Information      |   |
|--------------------------|---|
| Series                   | T521  |
| Dielectric               | Polymer Tantalum                                  |
| Style                    | SMD Chip  |
| Description              | SMD, Polymer, Molded, Low<br>ESR, Non-Combustible |
| Features                 | Low ESR, High Voltage                             |
| RoHS                     | Yes   |
| Termination              | Tin   |
| AEC-Q200                 | No  |
| Typical Component Weight | 553.96 mg   |
| Shelf Life               | 52 Weeks  |
| MSL                      | 3   |

| 470 uF   |
|--|
| 20%  |
| 16 VDC (105C), 10.72 VDC (125C)  |
| -55/+125°C   |
| 105°C  |
| 2000 Hrs (125C)  |
| 60C, 90% RH, 500 Hours, No<br>Load   |
| 10% 120Hz 25C  |
| N/A  |
| 20 mOhms (100kHz 25C)  |
| 4470 mA (rms, 100kHz 45/85C),<br>3129 mA (rms, 105C), 1118 mA<br>(rms, 125C) |
| 376 uA (5min 25°C)   |
|  |

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