# KEMET Part Number: T530X477M006AHE005

**KEMET**
a **YAGEO** company
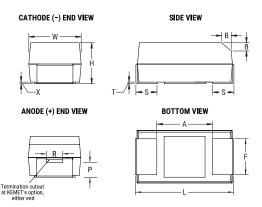
T530, Tantalum, Polymer Tantalum, Multi-Anode, 470 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Multiple Anodes, Low ESR, 5 mOhms, 7343, Height Max = 4.3mm

**CATHODE (-) END VIEW**

**SIDE VIEW**

**ANODE (+) END VIEW**

**BOTTOM VIEW**

Termination cutout
at KEMET's option,
either end

| General Information | |
|---|---|
| **Series:** | T530 |
| **Dielectric:** | Polymer Tantalum |
| **Style:** | SMD Chip |
| **Description:** | SMD, Polymer, Molded, Multiple Anodes, Low ESR |
| **Features:** | Low ESR |
| **RoHS:** | No |
| **Prop 65:** | ⚠ **WARNING:** Cancer and reproductive harm - www.p65warnings.ca.gov. |
| **SCIP Number:** | b064b03e-bd75-42af-b342-1fe94dec2340 |
| **Termination:** | Solder Coated |
| **AEC-Q200:** | No |
| **Component Weight:** | 410.89 mg |
| **Shelf Life:** | 52 Weeks |
| **MSL:** | 3 |

| Dimensions | |
|---|---|
| **Footprint** | 7343 |
| **L** | 7.3mm +/-0.3mm |
| **W** | 4.3mm +/-0.3mm |
| **H** | 4mm +/-0.3mm |
| **T** | 0.13mm REF |
| **S** | 1.3mm +/-0.3mm |
| **F** | 2.4mm +/-0.1mm |
| **A** | 3.6mm MIN |
| **B** | 0.5mm +/-0.15mm |
| **P** | 1.7mm REF |
| **R** | 1mm REF |
| **X** | 0.1mm +/-0.1mm |

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

| Specifications | |
|---|---|
| **Capacitance:** | 470 uF |
| **Capacitance Tolerance:** | 20% |
| **Voltage DC:** | 6.3 VDC (105C), 4.22 VDC (125C) |
| **Temperature Range:** | -55/+125°C |
| **Rated Temperature:** | 105°C |
| **Life:** | 2000 Hrs (125C) |
| **Humidity:** | 60C, 90% RH, 1000 Hours, No Load |
| **Dissipation Factor:** | 8% 120Hz 25C |
| **Failure Rate:** | N/A |
| **Resistance:** | 5 mOhms (100kHz 25C) |
| **Ripple Current:** | 7300 mA (rms, 100kHz 45C), 5110 mA (rms, 85C), 1825 mA (rms, 125C) |
| **Leakage Current:** | 296.1 uA (5min 25°C) |

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单击下面可查看定价，库存，交付和生命周期等信息

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