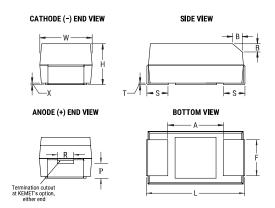
KEMET Part Number: T521O477M016APE070 Obsolete



T521, Tantalum, Polymer Tantalum, 470 uF, 20%, 16 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 70 mOhms, 7360, Height Max = 4.3mm



| General Information | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | T521 |
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Description: | SMD, Polymer, Molded, Low ESR, Non-Combustible |
| Features: | Low ESR, High Voltage |
| RoHS: | Yes |
| Termination: | Nickel Palladium Gold |

| Dimensions | | |
|------------|----------------|--|
| Footprint | 7360 | |
| L | 7.3mm +/-0.3mm | |
| W | 6mm +/-0.3mm | |
| Н | 4mm +/-0.3mm | |
| Т | 0.13mm REF | |
| S | 1.3mm +/-0.3mm | |
| F | 4.1mm +/-0.1mm | |
| A | 3.3mm MIN | |
| Х | 0.1mm +/-0.1mm | |

| Specifications | |
|------------------------|---|
| Capacitance: | 470 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 16 VDC (105C) |
| Temperature Range: | -55/+105C |
| Rated Temperature: | 105C |
| Dissipation Factor: | 10.00% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 70 mOhms (100kHz 25C) |
| Ripple Current: | 2070 mA (100kHz 45C), 1449 mA (85C), 517.5 mA (105C) |
| Leakage Current: | 752 uA (5min 25C) |

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

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