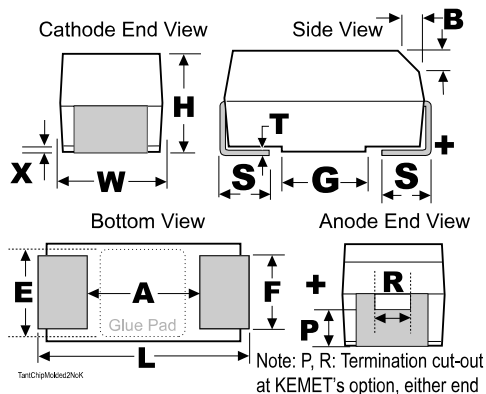


KEMET Part Number: T491X477K006AT
(B45196H1477K509)

Capacitor, Tantalum, SMD, MnO2, Molded, 470 uF, 7343, +/-10% Tol, -55/+125C, 6.3 VDC (85C)



| General Information | |
|------------------------|--------------------|
| Supplier: | KEMET |
| Application: | General Purpose |
| Part Type Description: | SMD, MnO2, Molded |
| Construction: | Standard Chip-MnO2 |
| Body Type: | SMD Chip |
| Footprint: | 7343 |
| Weight: | 652.04 mg |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 7.3 | +/-0.3 |
| W | 4.3 | +/-0.3 |
| H | 4 | +/-0.3 |
| F | 2.4 | +/-0.1 |
| S | 1.3 | +/-0.3 |
| B | 0.5 | +/-0.15 |
| X | 0.1 | +/-0.1 |
| P | 1.7 | REF |
| R | 1 | REF |
| T | 0.13 | REF |
| A | 3.6 | MIN |
| G | 3.5 | REF |
| E | 3.5 | REF |

| Specifications | |
|-------------------------|--------------------|
| Capacitance: | 470 uF |
| Tolerance: | +/-10% |
| Voltage: | 6.3 VDC (85C) |
| Voltage: | 4.22 VDC (125C) |
| Temperature Range: | -55/+125C |
| Current/Ripple Current: | 642 mAmps (25C) |
| Current/Ripple Current: | 577.8 mAmps (85C) |
| Current/Ripple Current: | 256.8 mAmps (125C) |
| Resistance/ESR: | 0.4 Ohms (100kHz) |
| Failure Rate: | N/A |
| Leakage Current: | 29.6 uA |
| Dissipation Factor: | 8% |

| Packaging Specifications | |
|--------------------------|-------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Quantity: | 500 |

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